FIG. 1

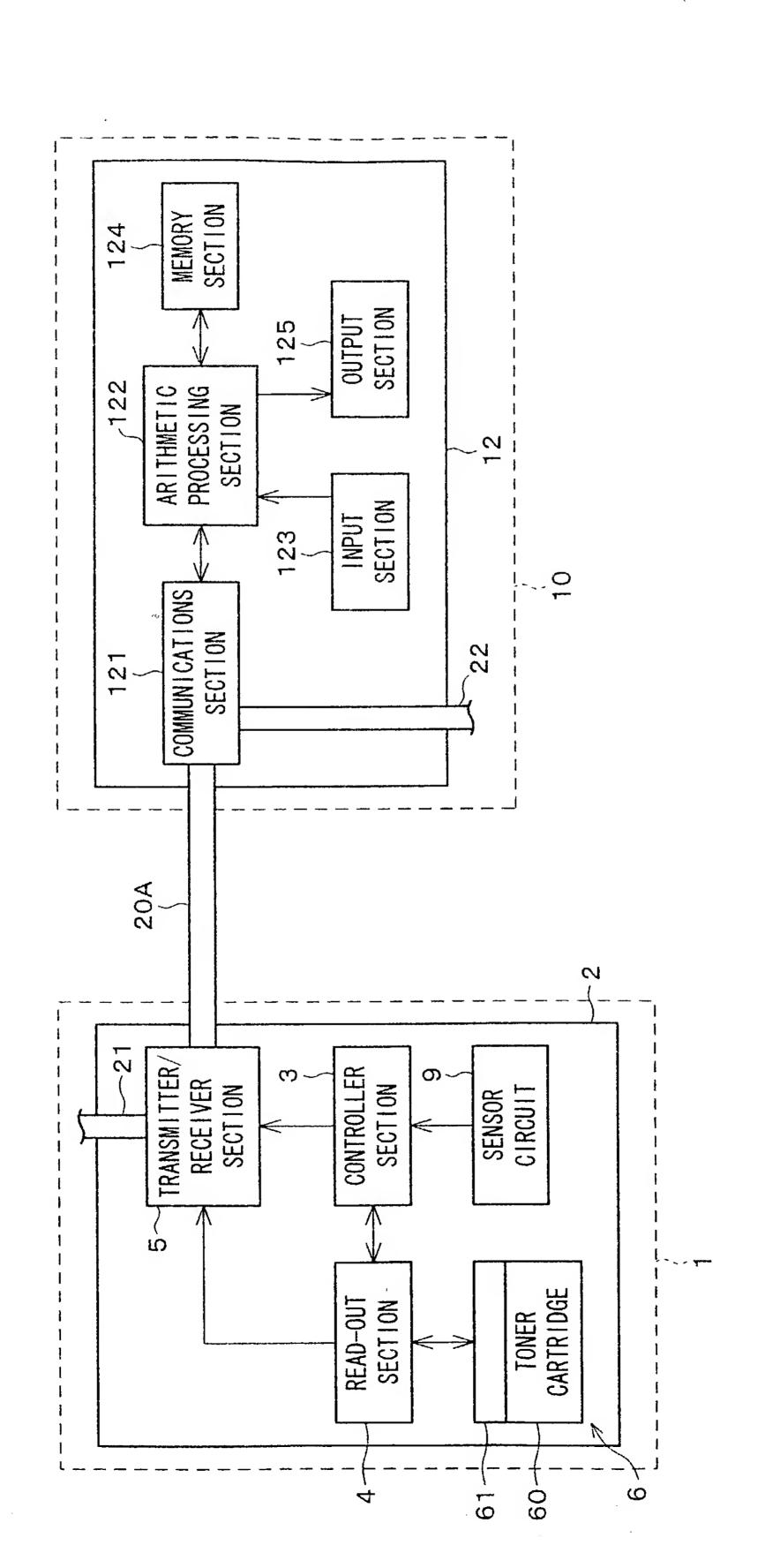
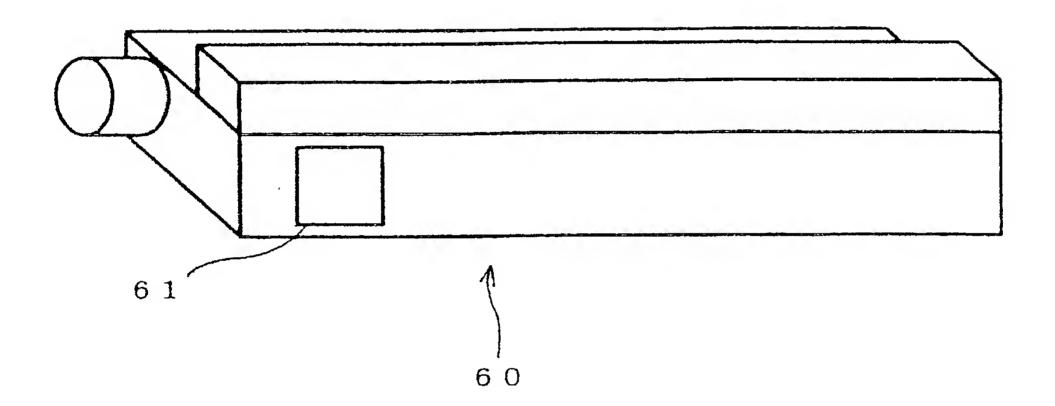


FIG. 2



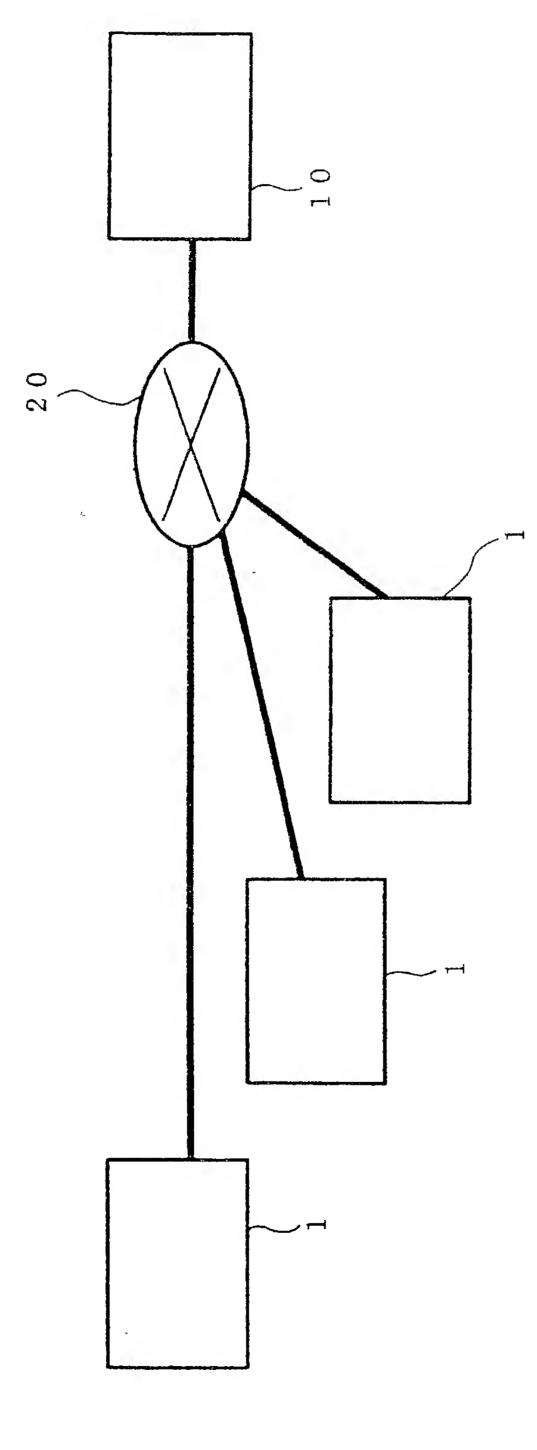
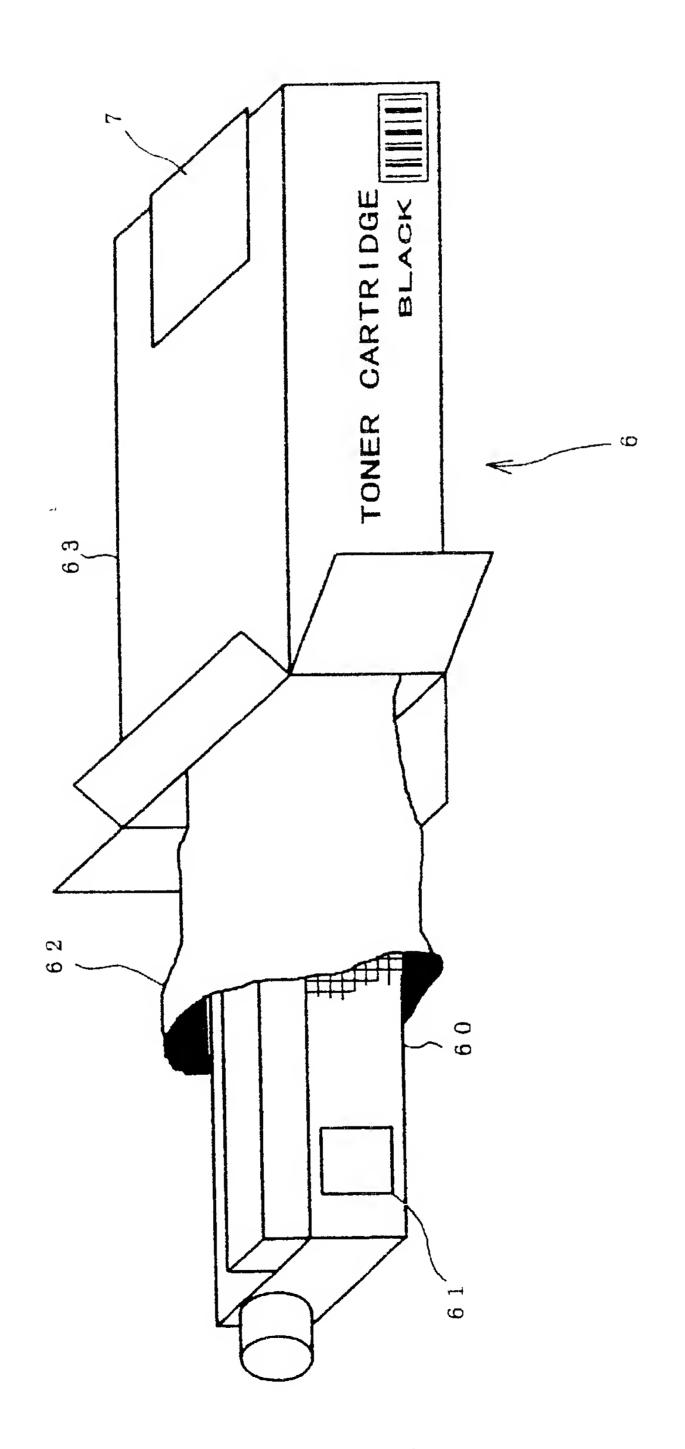


FIG. 3





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(1.)r

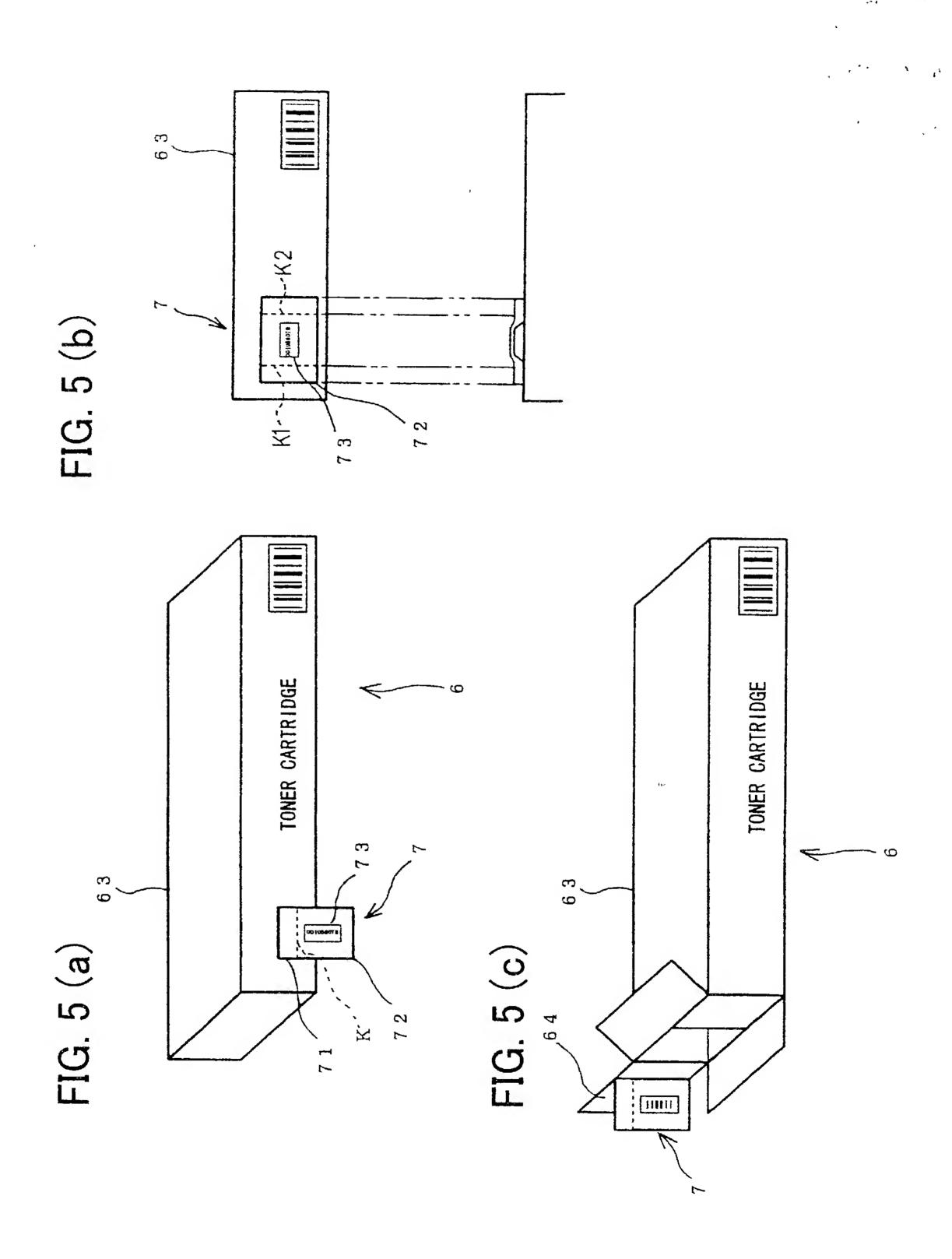


FIG. 6 (a)

PRODUCT-IN-CIRCULATION DATA TABLE [1]

CURRENT DATA AND TIME Tp: 10/28/2000

UNIQUE DATA	REMARKS	THE NUMBER OF TIMES COLLECTED N	ACCOUNTING
0000 0000 0000 0101 0000		3	CHARGED
0000 0000 0000 0101 0001	BLACK TONER CARTRIDGE	1	CHARGED
0000 0000 0000 0101 0010	FOR AR-2000	2	UNCHARGED
•••			•••
0100 0000 0000 0000 0100	YELLOW TONER CARTRIDGE	0	CHARGED
0100 0000 0000 0000 0101	FOR AR-2000	0	UNCHARGED
•••	FOR AR-2000		• • •
0100 0000 0000 0000 1100	MAGENTA TONER	0	CHARGED
0100 0000 0000 0000 1101	CARTRIDGE FOR AR-2000	0	UNCHARGED
•••	CARTRIDGE FOR AR-2000	•••	• • •
1100 0000 0000 0000 0111	CYAN TONER CARTRIDGE	0	CHARGED
1100 0000 0000 0000 1000	FOR AR-2000	0	UNCHARGED
•••	•••	•••	• • •

FIG. 6 (b)

PRODUCT-IN-CIRCULATION DATA TABLE [1]

CURRENT TADA AND TIME Tp: 10/28/2000

UNIQUE DATA	REMARKS	THE NUMBER OF TIMES COLLECTED N	ACCOUNTING
0000 0000 0000 0101 0000		3	CHARGED
0000 0000 0000 0101 0001	BLACK TONER CARTRIDGE	1	CHARGED
0000 0000 0000 0101 0010	FOR AR-2000	2	UNCHARGED
•••		•••	• • •
0100 0000 0000 0000 0100	YELLOW TONER CARTRIDGE	0	CHARGED
0100 0000 0000 0000 0101	FOR AR-2000	I	UNCHARGED
•••	PORAR 2000		• • •
0100 0000 0000 0000 1100	MAGENTA TONER	0	CHARGED
0100 0000 0000 0000 1101	CARTRIDGE FOR AR-2000	1	UNCHARGED
••	CARTRIDGE FOR AR 2000	• • •	
1100 0000 0000 0000 0111	CYAN TONER CARTRIDGE	0	CHARGED
1100 0000 0000 0000 1000	FOR AR-2000	1	UNCHARGED
			•••

FIG. 6 (c)

PRODUCT-IN-CIRCULATION DATA TABLE [2]

CURRENT TADA AND TIME Tp: 10/28/2000

UNIQUE DATA	REMARKS	THE NUMBER OF TIMES COLLECTED N	ACCOUNTING
• • •	•••		
0010 0000 0000 0000 0000		0	CHARGED
0010 0000 0000 0000 0001	APPLICATION SOFTWARE	2	UNCHARGED
0010 0000 0000 0000 0010	"DATA SEARCH" Ver. 1.0	2	UNCHARGED
•••		•••	• • •
0010 0000 0000 1000 0000		0	CHARGED
0010 0000 0000 1000 0001	APPLICATION SOFTWARE	1	CHARGED
0010 0000 0000 1000 0010	"DATA SEARCH" Ver. 2.0	1	UNCHARGED
•••			
•••	• • •		• • •
0010 0001 0000 0000 0000	APPLICATION SOFTWARE	0	CHARGED
0010 0001 0000 0000 0001	"TRANSLATION ASSISTANT"	0	CHARGED
0010 0001 0000 0000 0010		1	UNCHARGED
	•••		•••

FIG. 7 (a)

CONTRACT SIGNER TABLE[1]

000001 A CO., LTD. GENERAL AFFAIRS 000002 B INC. DEPARTMENT 000003 C CO., LTD. ABC DIVISION 000004 C CO., LTD. XYZ DIVISION 000005 C CO., LTD. ABC DIVISION	STREET ADDRESS	T EMAIL ADDRES S	TELEPHON E NO.	TELEPHON CONTRACT OF DE SIGNED PAYMENT	METHOD OF PAYMENT	:
B INC. C CO., LTD. C CO., LTD.						
UU	AFFAIRS ENT					
Ü	SION					
000005	NOI					

FIG. 7 (b)

CONTRACT SIGNER TABLE[2]

r contract Model3	NO CONTIRACT	NO CONTRACT	NO CONTRACT	NO CONTRACT			
CONTRACT MODEL2	NO CONTRACT	NO CONTRACT	AR-2001	NO CONTRACT			
CONTRACT MODEL1							
ID NUMBER	000001 AR-2000	000002 AR-2000	000003 AR-2000	000004 AR-2000	000000	:	

FIG. 8 (a) INSTALLED CARTRIDGE DATA

MACHINE MODEL AR-2000 LIBRE CONTRACT SIGNER 1D 000125

CARTRINGE TVDE	DATE OF		INSTALLED CARTRIDGE D	TRIDGE DATA	√,	THE NUMBER	CORRESPONDING SPARE CARTRIDGE
	REPLACEMENT	FULL DATA (FULL DIGITS)	COLOR DATA (FIRST TWO DIGITS)	MODEL DATA	UNIQUE DATA	COLLECTED N	No.
BLACK	N/A	N/A	N/A	N/A	N/A	N/A	N/A
YELLOW	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MAGENTA	· N/A	N/A	N/A	N/A	N/A	N/A	N/A
CYAN	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PHOTOSENSITIVE RODY	N/A	N/A	N/A	N/A	N/A	N/A	N/A

FIG. 8 (b) SPARE CARTRIDGE DATA

		TI.	11		-			.	-	np-da		المراجعة المالية	
CANCEI.	THE NUMBER OF	TIMES COLLECTED N	N/A										
REGISTIER		STATUS	N/A										
03/22/2000/15:58 CONFIRM		UNIQUE DATA	N/A										
DATE	IDGE DATA	MODEL DATA	N/A										
	SPARE CARTRIDGE DATA	COLOR DATA (FIRST TWO DIGITS)	N/A										
RE		INSTALLATION FULL DATA (FULL DIGITS)	N/A										
AR-2000 LIBRE 000125	DATE OF	INSTALLATION	N/A										
MACHINE MODEL CONTRACT SIGNER ID		DATE OF DELIVERY	N/A										
	1	o.		2	3	4	5	9	7	8	6	0	

· 4484

· file

FIG. 9 (a) INSTALLED CARTRIDGE DATA

LIBRE MACHINE MODEL | AR-2000

CONTRACT STGNER ID 000125

			INSTALLED CARTRIDGE DATA	DATA		THE MIMBER OF	
Save soverseas	DATE OF					THE NOWBER OF	SPARE CARTRIDGE
CAKIKIDUE ITE	REPLACEMENT	FÜLL DATA (FULL DIGITS)	COLOR DATA (FIRST TWO DIGITS)	MODEL DATA	UNIQUE DATA	COLLECTED N	No.
BLACK	N/A	N/A	N/A	N/A	N/A	N/A	N/A
YELLOW	N/A	N/A	V/N	N/A	N/A	N/A	N/A
MAGENTA	N/A	N/A	N/A	N/A	» N/A	N/A	N/A
CYAN	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PHOTOSENSITIVE BODY	N/A	N/A	N/A	N/A	N/A	V/N	N/A

FIG. 9 (b) SPARE CARTRIDGE DATA

MACHINE MODEL AR-2000 LIBRE CONTRACT SIGNER ID 000125

CANCEL

REGISTIER

CONFIRM

03/21/2000/15:58

DATE

TIMES COLLECTED THE NUMBER OF \mathbf{z} \mathfrak{S} \bigcirc 0 0 0 0 0 (SPARE) (SPARE) (SPARE) (SPARE) (SPARE) NEW (SPARE) (SPARE) NEW (SPARE) CURRENT STATUS NEW NEW NEW NEW NEW NEW 0000 1010 0000 0000 0000 0000 0000 0100 0000 0000 0000 1100 0000 0000 0101 0001 0000 0000 0111 0000 0000 0000 0101 0000 0000 0000 1000 0000 0000 0000 1101 UNIQUE DATA AR-2000 AR-2000 AR-2000 AR-2000 AR-2000 AR-2000 AR-2000 AR-2000 MODEL DATA SPARE CARTRIDGE DATA MAGENTA TONER (10) MAGENTA TONER (10) COLOR DATA (FIRST TWO DIGITS) YELLOW TONER (01) YELLOW TONER(01) BLACK TONER (00) BLACK TONER (00) CYAN TONER (11) TONER (11) CYAN 0000 1010 0000 0000 0000 0100 0000 0000 0000 0100 1000 0000 0000 1100 1:00 0000 0000 0000 0111 0000 0000 0000 0101 0001 0100 0000 0000 0000 0101 1000 0000 0000 1101 1100 0000 0000 1000 INSTALLATION FULL DATA (FULL DIGITS) DATE OF DATE OF DELIVERY 3/22/2000 3/22/2000 3/22/2000 3/22/2000 3/22/2000 3/22/2000 3/22/2000 3/22/2000 S ∞ 6

FIG. 10 (a) INSTALLED CARTRIDGE DATA

MACHINE MODEL AR-2000 LIBRE CONTRACT SIGNER ID 000125

COVE CONTRATA	DATE OF		INSTALLED CARTRIDGE DATA	DATA		THE NUMBER OF	CORRESPONDING SPARE CARTRIDGE
CAKIKIDGE IYPE	REPLACEMENT	FULL DATA (FULL DIGITS)	COLOR DATA (FIRST TWO DIGITS)	MODEL DATA	UNIQUE DATA	TIMES COLLECTED N	No.
BLACK	3/22/2000	0000 0000 0000 0101 0000 BLACK TONER(00)	BLACK TONER (00)	AR-2000	0000 1010 0000 0000	သ	1 (No. 1)
YELLOW	3/22/2000	0100 0000 0000 0000 0100 YELLOW TONER(01) AR-2000	YELLOW TONER(01)	AR-2000	0000 0000 0000 0100	0	1 (No. 2)
MAGENTA	3/22/2000	1000 0000 0000 0000 1100 MAGENTA TONER(10) AR-2000	MAGENTA TONER (10)	AR-2000	0000 0000 1100	0	1 (No. 3)
CYAN	3/22/2000	1100 0000 0000 0000 0111 CYAN TONER(11) AR-2000	CYAN TONER(11)	AR-2000	0000 0000 0000 0111	0	1 (No. 4)
PHOTOSENSITIVE BODY	N/A	N/A	N/A	N/A	N/A	N/A	N/A

FIG. 10 (b) SPARE CARTRIDGE DATA

03/22/2000/16 45 CONFIRM MACHINE MODEL AR-2000 LIBRE CONTRACT SIGNER ID 000125

No. DATE OF DELIVERY II							
	DATE OF		SPARE CARTRIDGE DATA	ATA		THEOGRAP	THE NUMBER OF
_	INSTALLATION	FULL DATA (FULL DIGITS)	COLOR DATA (FIRST TWO DIGITS)	MODEL DATA	UNIQUE DATA	STATUS	TIMES COLLECTED N
	3/22/2000	0000 0000 0000 0101 0000 BLACK TONER(00) AR-2000 0000 0000 0101 0000	BLACK TONER (00)	AR-2000	0000 1010 0000 0000	IN USE	3
	3/22/2000	0100 0000 0000 0000 0100 YELLOW TONER(01)		AR-2000	0000 0000 0000 0100	IN USE	0
	3/22/2000	1000 0000 0000 0000 1100 MAGENTA TONER(10) AR-2000	MAGENTA TONER (10)		0000 0000 0000 1100	IN USE	0
	3/22/2000	1100 0000 0000 0000 0111 CYAN TONER(11)	CYAN TONER(11)	AR-2000	0000 0000 0000 0111	IN USE	0
	1	0000 0000 0000 0101 0001 BLACK TONER(00)	BLACK TONER (00)	AR-2000	0000 0000 0101 0001 NEW (SPARE)	NEW (SPARE)	
	ı	0100 0000 0000 0000 0101 YELLOW TONER(01)	YELLOW TONER(01)	AR-2000	AR-2000 0000 0000 0101 NEW (SPARE)	NEW (SPARE)	0
3/22/2000	j	1000 0000 0000 0000 1101 MAGENTA TONER(10)	MAGENTA TONER(10)	AR-2000	AR-2000 0000 0000 0000 1101 NEW (SPARE)	NEW (SPARE)	0
	ļ	1100 0000 0000 0000 1000 CYAN TONER(11)	CYAN TONER(11)	AR-2000	0000 0000 0000 1000	NEW (SPARE)	0

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FIG. 11 (a) INSTALLED CARTRIDGE DATA

MACHINE MODEL | AR-2000 LIBRE CONTRACT SIGNER ID 000125

	DATE OF		INSTALLED CARTRIDGE DATA	3 DATA		THE NUMBER OF	CORRESPONDING SPARE CARTRIDGE
CAKIKIDGE IYPE	REPLACEMENT	FULL DATA (FULL DIGITS)	COLOR DATA (FIRST TWO DIGITS)	MODEL DATA	UNIQUE DATA	TIMES COLLECTED N	No.
BLACK	6/12/2000	0000 0000 0000 0101 0001 BLACK TONER(00)	BLACK TONER (00)	AR-2000	0000 0000 0101 0001		0 (No. 5)
YELLOW	3/22/2000	0100 0000 0000 0000 0100 YELLOW TONER(01) AR-2000	YELLOW TONER(01)	AR-2000	0000 0000 0000 0000	0	1 (No. 2)
MAGENTA	3/22/2000	1000 0000 0000 0000 1100 MAGENTA TONER(10) AR-2000	MAGENTA TONER (10)	AR-2000	0000 0000 0000 1100	0	1 (No. 3)
CYAN	3/22/2000	1100 0000 0000 0000 0111 CYAN TONER(11)	CYAN TONER (11)	AR-2000	0000 0000 0000 0111	0	I (No. 4)
PHOTOSENSITIVE BODY	N/A	N/A	N/A	N/A	N/A	N/A	N/A

	l				•		T		1	1			,	-	-	-
IV/ IV			CANCEL	THE NUMBER OF	TIMES COLLECTED N	3	0	0	0		0	0	0			
11/11			REGISTER	PING GIT	STATUS	USED	IN USE	IN USE	IN USE	IN USE	NEW (SPARE)	NEW (SPARE)	NEW (SPARE)			
11/11		06/12/2000/10:56	CONFIRM		UNIQUE DATA	0000 1010 0000 0000	0000 0000 0000 0000	0000 0000 0000	0000 0000 0000	0000 1010 0000 0000	1010 0000 0000 0000	0000 0000 0000 1101 NEW (SPARE)	0000 0000 0000 1000			
11/11		DATE)ATA	MODEL DATA	AR-2000	AR-2000	AR-2000	AR-2000	AR-2000	AR-2000	AR-2000	AR-2000			
				SPARE CARTRIDGE DATA	COLOR DATA (FIRST TWO DIGITS)	BLACK TONER (00)	YELLOW TONER(01)	AAGENTA TONER(10)	CYAN TONER(11)	BLACK TONER (00)	YELLOW TONER(01)	AGENTA TONER (10)	CYAN TONER(11)			
	DATA	ដា			FULL DATA (FULL DIGITS)	0000 0000 0000 0101 0000 BLACK TONER(00)	0100 0000 0000 0000 0100 YELLOW TONER(01)	1000 0000 0000 0000 1100 MAGENTA TONER(10)	1100 0000 0000 0000 0111 CYAN TONER(11)	0000 0000 0000 0101 0001	0100 0000 0000 0000 0101 YELLOW TONER(01)	1000 0000 0000 0000 1101 MAGENTA TONER(10)	1100 0000 0000 0000 0011			
	E CARTRIDGE	AR-2000 LIBRE	000125	HATE OF	INSTALLATION	3/22/2000	3/22/2000	3/22/2000	3/22/2000	6/12/2000	_					
BODY	FIG. 11 (b) SPARE CARTRIDGE DATA	MACHINE MODEL AR-2000	CONTRACT SIGNER ID 000125		DATE OF DELIVERY	3/22/2000	3/22/2000	3/22/2000	3/22/2000	3/22/2000	3/22/2000	3/22/2000	3/22/2000	•	•	
	IT.				Vo		2	က	4	Ŋ	9	7	ထ	6	10	
	•	, -		-	:		-					;		~ .	•	

FIG. 12 (a) INSTALLED CARTRIDGE DATA

MACHINE MODEL AR-2000 LIBRE CONTRACT SIGNER ID 000125

	DATE OF		INSTALLED CARTRIDGE DATA	3 DATA		THE NUMBER OF	CORRESPONDING SPARE CARTRIDGE
CAKIKIDUE IYPE	REPLACEMENT	FULL DATA (FULL DIGITS)	COLOR DATA (FIRST TWO DIGITS)	MODEL DATA	UNIQUE DATA	COI LECTED N	No.
BLACK	6/12/2000	0000 0000 0000 0101 0001 BLACK TONER(00)	BLACK TONER (00)	AR-2000	0000 1010 0000 0000	1	1 (No. 5)
YELLOW	3/22/2000	0100 0000 0000 0000 0100 YELLOW TONER(01) AR-2000	YELLOW TONER(01)	AR-2000	0010 0000 0000 0000	0	1 (No. 2)
MAGENTA	3/22/2000	1000 0000 0000 0000 1100 MAGENTA TONER (10) AR-2000	MAGENTA TONER (10)	AR-2000	0000 0000 0000 1100	0	1 (No. 3)
CYAN	3/22/2000	1100 0000 0000 0000 0111 CYAN TONER(11) AR-2000	CYAN TONER (11)	AR-2000	0000 0000 0000 0111	0	1 (No. 4)
PHOTOSENSITIVE BODY	N/A	N/A	N/A	N/A	N/A	N/A	V/N

FIG. 12 (b) SPARE CARTRIDGE DATA

06/20/2000/10:56 CONFIRM DATE MACHINE MODEL AR-2000 LIBRE CONTRACT SIGNER ID 000125

												_
THE NUMBER OF	TIMES COLLECTED N	3	0	0	0			1	_	2		
CHERENT	STATUS	USED	IN USE	IN USE	IN USE	IN USE	COLLECTED	COLLECTED	COLLECTED	NEW (SPARE)		
	UNIQUE DATA	AR-2000 0000 0000 0101 0000	0000 0000 0000 0000	AR-2000 0000 0000 0000 1100	AR-2000 0000 0000 0000 0111	0000 0000 0101 0001	1010 0000 0000 0000	AR-2000 0000 0000 1101	AR-2000 0000 0000 1000	0000 0000 01.01 0010 NEW (SPARE)		
)ATA	MODEL DATA	AR-2000	AR-2000		AR-2000	AR-2000	AR-2000		AR-2000	AR-2000		
SPARE CARTRIDGE DATA	COLOR DATA (FIRST 1WO DIGITS)	BLACK TONER(00)	YELLOW TONER(01)	MAGENTA TONER(10)	CYAN TONER (11)	BLACK TONER(00)	YELLOW TONER(01)	MAGENTA TONER (10)	CYAN TONER(11)	BLACK TONER (00)		
	FULL DATA (FULL DIGITS)	0000 0000 0000 0101 0000 BLACK TONER(00)	0100 0000 0000 0000 0100 YELLOW TONER(01)	1000 0000 0000 0000 1100 MAGENTA TONER(10)	1100 0000 0000 0000 0111 CYAN TONER(11)	0000 0000 0000 0101 0001 BLACK TONER(00)	0100 0000 0000 0000 0101 YELLOW TONER(01) AR-2000 0000 0000 0101	1000 0000 0000 0000 1101 MAGENTA TONER(10)	1100 0000 0000 0000 1000 CYAN TONER(11)	0000 0000 0000 0101 0010 BLACK TONER(00)		
30 STVU	INSTALLATION	3/22/2000	3/22/2000	3/22/2000	3/22/2000	6/12/2000	COLLECTED	COLLECTED	COLLECTED			
	No. DATE OF DELIVERY	3/22/2000	3/22/2000	3/22/2000	3/22/2000	3/22/2000	3/22/2000	3/22/2000	3/22/2000	6/20/2000	•	
	Ç	1	2	3	4	5	9	7	8	6	10	

FIG.13

LIST[1]

ACCOUNTING (PERIOD: MARCH 16, 2000 - APRIL 15, 2000)

CONTRACT SIGNER ID: 000125

CONTRACT MODEL: AR-2000 LIBRE

No.	PRODUCT	ACCOUNT FACTOR	DATE OF INSTALLATION	QUANTITY	UNIT PRICE	SUBTOTAL
1	BLACK TONER CARTRIDGE	k3	3/22/2000	1	Pb	Pb*k3
2	YELLOW TONER CARTRIDG	1	3/22/2000	1	Ру	Ру
3	MAGENTA TONER CARTRID	1	3/22/2000	1	Pm	Pm
4	CYAN TONER CARTRIDGE	1	3/22/2000	1	Pc	Рс
5						
TOTAL					Δ	$\Delta \Delta \Delta \Delta$. Δ

LIST[2]

ACCOUNTING (PERIOD: APRIL 16, 2000 -MAY 15, 2000)

CONTRACT SIGNER ID: 000125

CONTRACT MODEL: AR-2000 LIBRE

No.	PRODUCT	ACCOUNT FACTOR	DATE OF INSTALLATION	QUANTITY	UNIT PRICE	SUBTOTAL
1	NO DATA					0
2						
3		}				
4						
5		1				
TOTAL						0

ACCOUNTING (PERIOD: MAY 16, 2000 — JUNE 15, 2000)

CONTRACT SIGNER ID: 000125

CONTRACT MODEL: AR-2000 LIBRE

No.	PRODUCT	ACCOUNT FACTOR	DATE OF INSTALLATION	QUANTITY	UNIT PRICE	SUBTOTAL
1 2 3 4 5	BLACK TONER CARTRIDGE	k1	6/12/2000	1	Pb	Pb*k1
TOTAL						Pb*k1

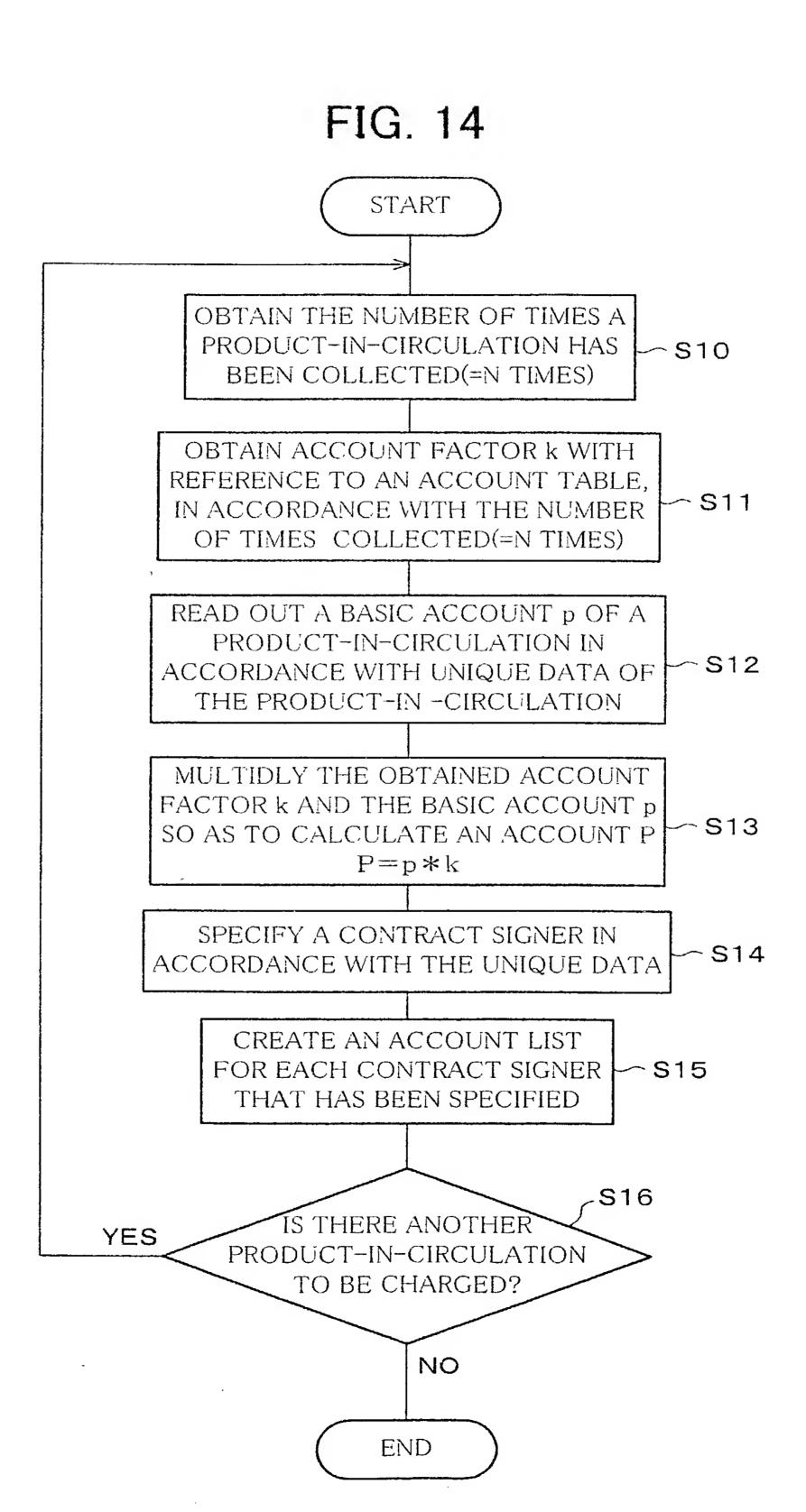


FIG. 15

ACCOUNT FACTOR TABLE [1]

NUMBER OF TIMES COLLECTED(=N TIMES)	ACCOUNT FACTOR k
N 0 : 0	k 0 = 1
N 1 : 1	k 1
N 2 : 2	k 2
N 3 ; 3	k 3
N4:4	k 4

However, $k0 > k1 > k2 \cdots$

-IG.16 (a)

BASIC ACCOUNT TABLE [1

TIATTOTITY DATA	DEMADIZE	DACTO ACCOUNT
UNIQUE DAIA	KEMAKAS	DASIC ACCOUNT p
XXXX XXXX XXXX XXXX 0000	BLACK TONER CARTRIDGE FOR AR-2000	p 1
	•	•
0100 XXXX XXXX XXXX	YELLOW TONER CARTRIDGE FOR AR-2000	p 2
	•	
1000 XXXX XXXX XXXX XXXX	MAGENTA TONER CARTRIDGE FOR AR-2000	p 3
	•••	•
1100 XXXX XXXX XXXX	CYAN TONER CARTRIDGE FOR AR-2000	p 4
	•	•

XXXX IS ARBITRARY 0 or

FIG. 16 (b)

BASIC ACCOUNT TABLE [2]

UNIQUE DATA	REMARKS	BASIC ACCOUNT p'
0010 0000 XXXX XXXX XXXX	0010 0000 XXXX XXXX APPLICATION SOFTWARE "DATA SEARCH"	p 1,
•	-	:
0010 0001 XXXX XXXX XXXX	0010 0001 XXXX XXXX XXXX APPLICATION SOFTWARE "TRANSLATION ASSISTANT"	p 2,
•		:
1100 XXXX XXXX XXXX UNRECORDED VHS TAPE	UNRECORDED VHS TAPE	p 3,
•		•
1101 XXXX XXXX XXXX ;UNRECORDED DV TAPE	UNRECORDED DV TAPE	p 4'
•		•
0100 0000 XXXX XXXX IDVD VIDEO "XXX"	DVD VIDEO "XXX"	p 5 '
•		:

XXXX IS ARBITRARY 0 or 1

UNIQUE DATA-CONTRACT SIGNER ID TABLE

FIG. 17 (a)

UNIQUE DATA	REMARKS	CONTRACT SIGNER ID
0000 0000 0000 0000		001604
0 0000 0000 0000 0001		001604
• • •	BLACK TONER CARTRIDGE	• • • • • • • • • • • • • • • • • • • •
0 0000 0000 0101 0000	DEACK FONER CARTRIDGE	000125

CURRENT DATA AND TIME

-			
	0000 0000 0000 0000 0000 0000 0000 000		001604 001604
	• • •	BLACK TONER CARTRIDGE	
-	0000 0000 0000 0101 0000 0000 0000 0000	FOR AR-2000	000125 000125
ŀ	0000 0000 0000 0101 0001		000209
	• • •		
-	0100 0000 0000 0000 0000		003161
t	0100 0000 0000 0000 0100	YELLOW TONER CARTRIDGE FOR AR-2000	000125
ŀ	0100 0000 0000 0000 0101		000125
	1000 0000 0000 0000 0000	MACENITA TONIED	03161
	1000 0000 0000 0000 1100 1000 0000 0000	MAGENTA TONER CARTRIDGE FOR AR-2000	000125 000125
ł			•••
	1100 0000 0000 0000 0000	CYAN TONER CARTRIDGE	03161
ł	1100 0000 0000 0000 0111	FOR AR-2000	000125
	1100 0000 0000 0000 1000		000125
Į	•••		il i

FIG. 17 (b)

CURRENT	DATA AND	TIME	:	6/20/2000

UNIQUE DATA	REMARKS	CONTRACT SIGNER ID
0000 0000 0000 0000 0000		001604
0000 0000 0000 0000 0001		
•••	BLACK TONER CARTRIDGE FOR AR-2000	•••
0000 0000 0000 0101 0000		000125
0000 0000 0000 0101 0001		000125
0000 0000 0000 0101 0010		000209
•••		
0100 0000 0000 0000 0000		003161
	YELLOW TONER CARTRIDGE FOR AR-2000 MAGENTA TONER CARTRIDGE FOR AR-2000	• • •
0100 0000 0000 0000 0100		000125
0100 0000 0000 0000 0101		102611
•••		
1000 0000 0000 0000 0000		03161
• • •		
1000 0000 0000 0000 1100		000125
1000 0000 0000 0000 1101		102611
1100 0000 0000 0000 0000		03161
•••	CYAN TONER CARTRIDGE	
1100 0000 0000 0000 0111	FOR AR-2000	000125
1100 0000 0000 0000 1000		102611
•••	•••	•••

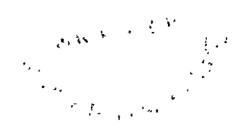
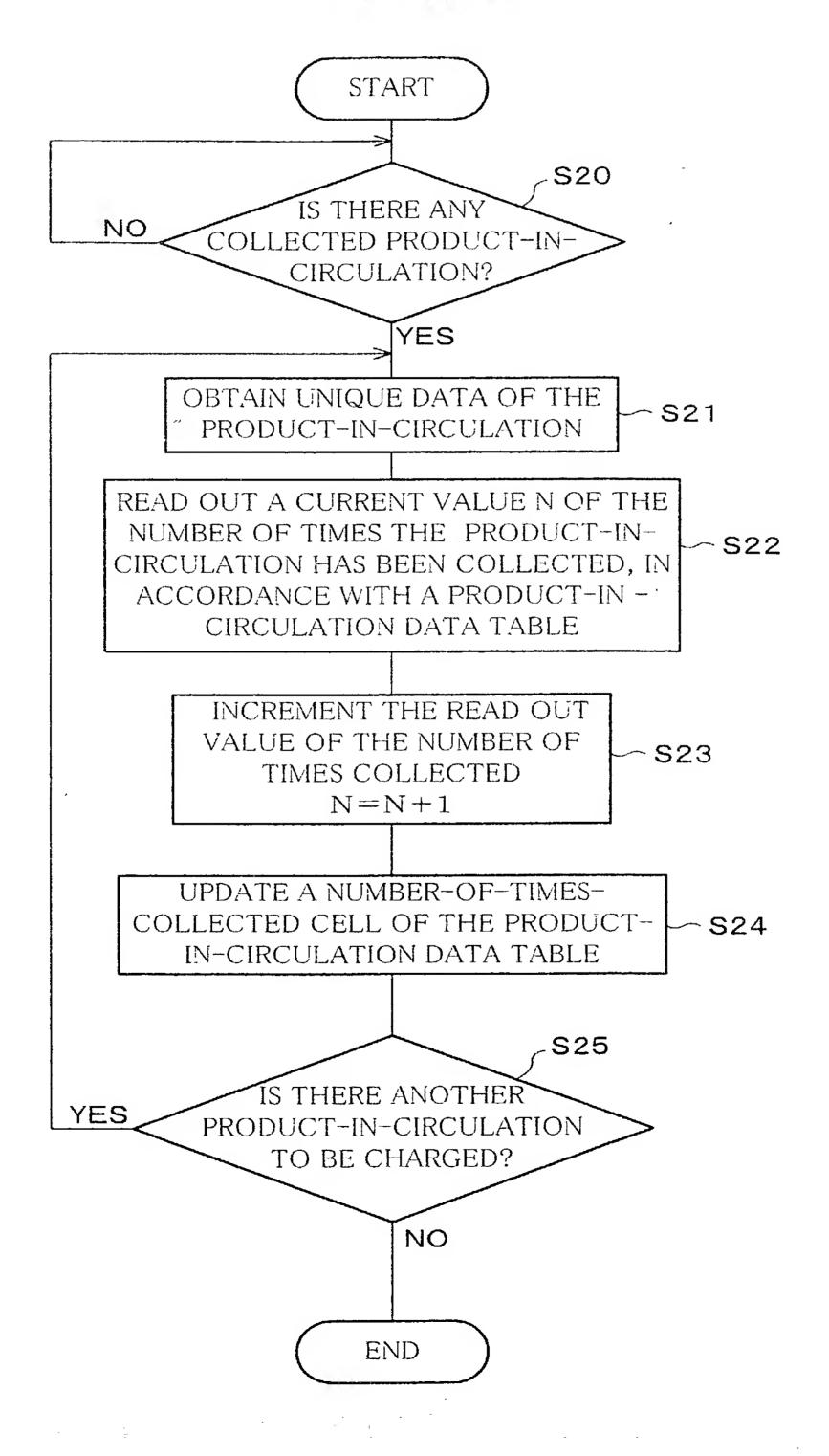


FIG. 18



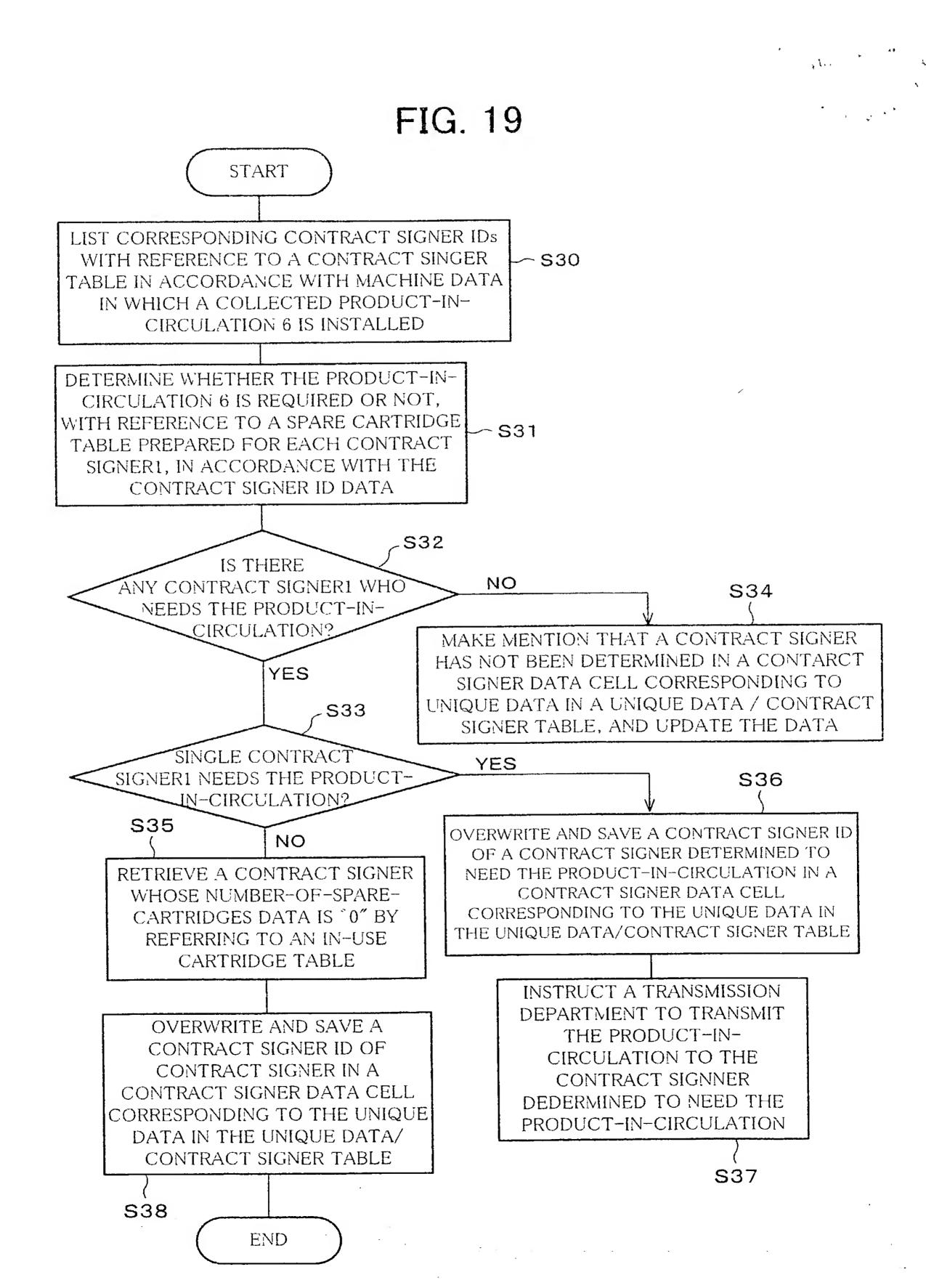
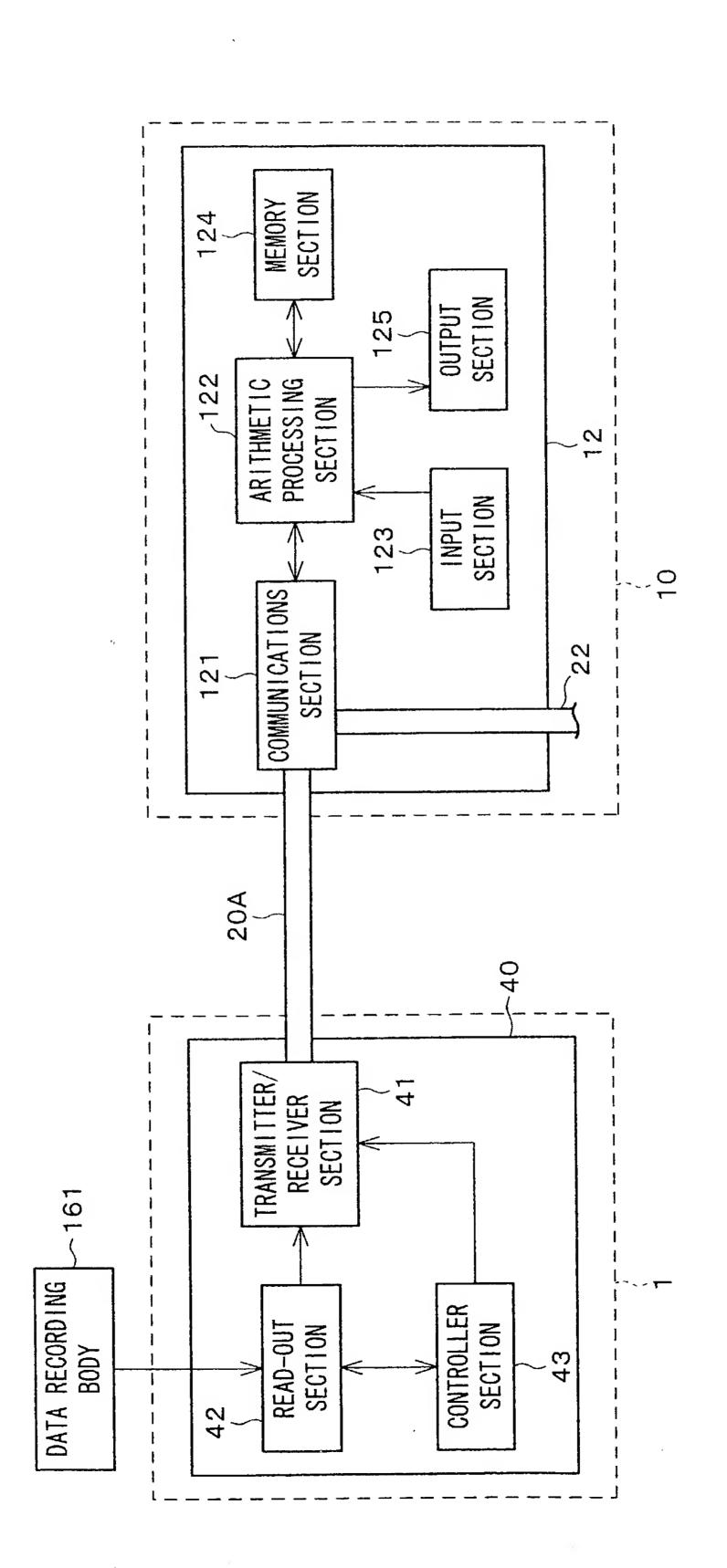


FIG. 20



, ; h

FIG. 21 (a)

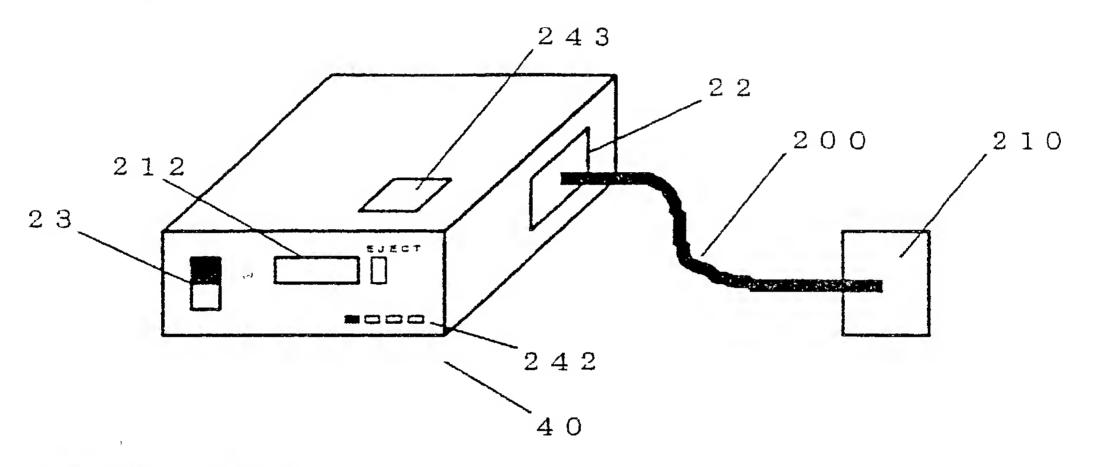


FIG. 21 (b)

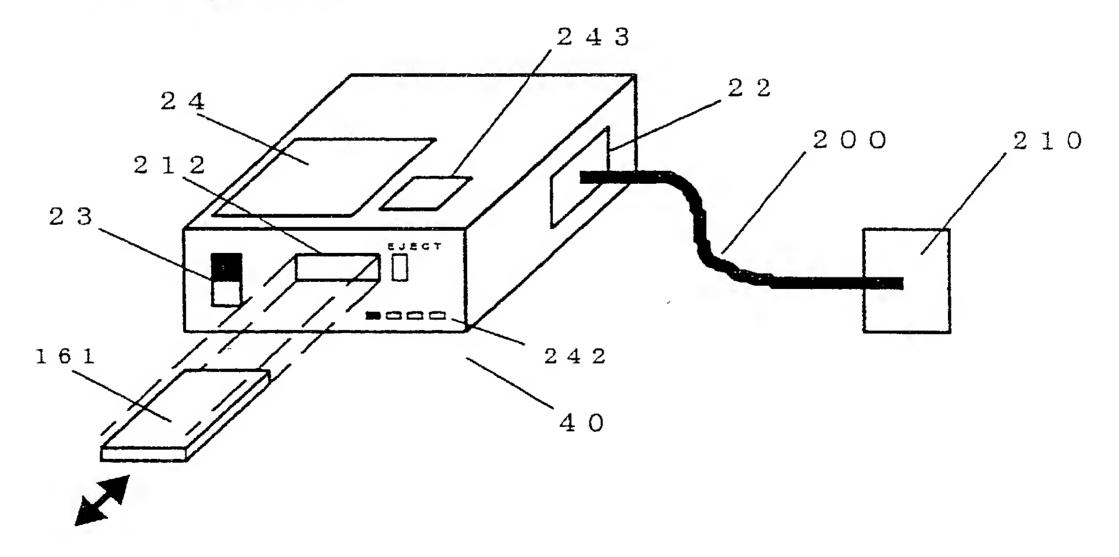


FIG. 22 (a)

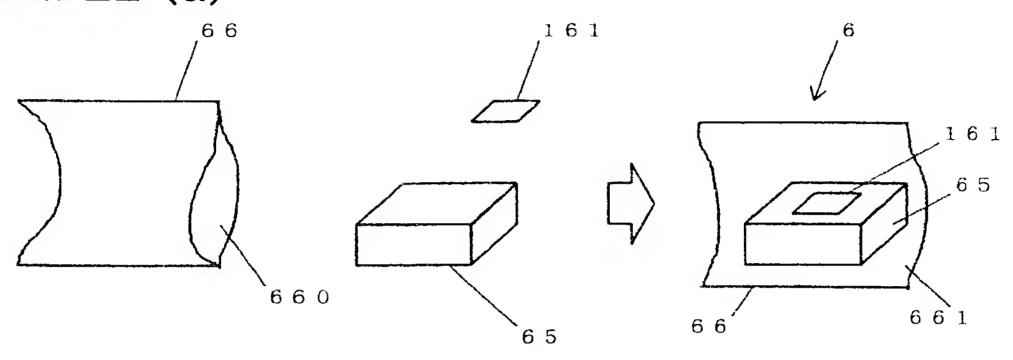


FIG. 22 (b)

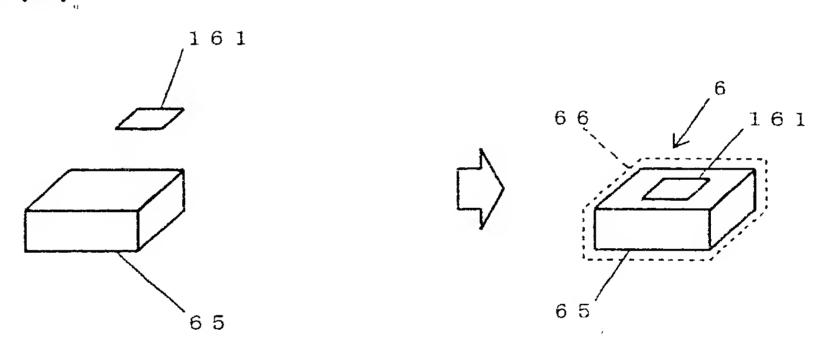


FIG. 22 (c)

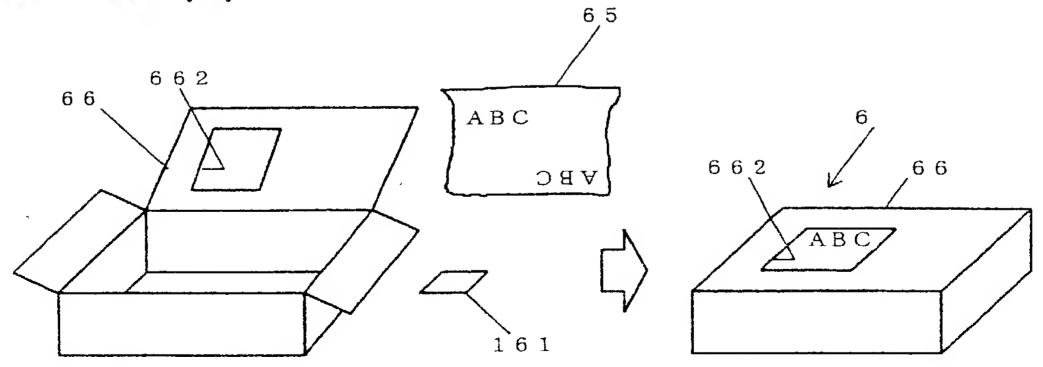


FIG. 23 (a)

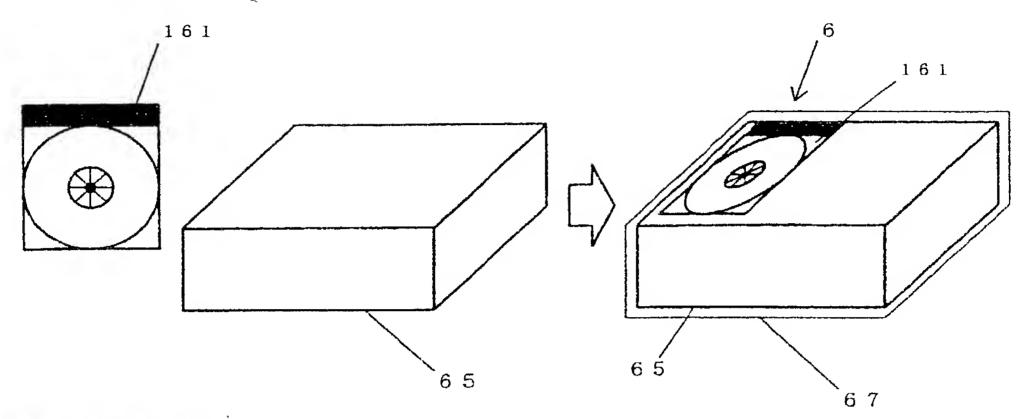


FIG. 23 (b)

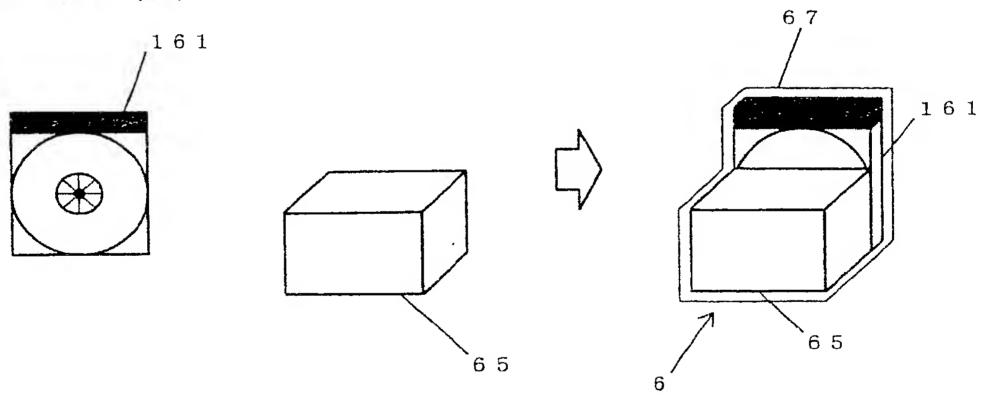


FIG. 23 (c)

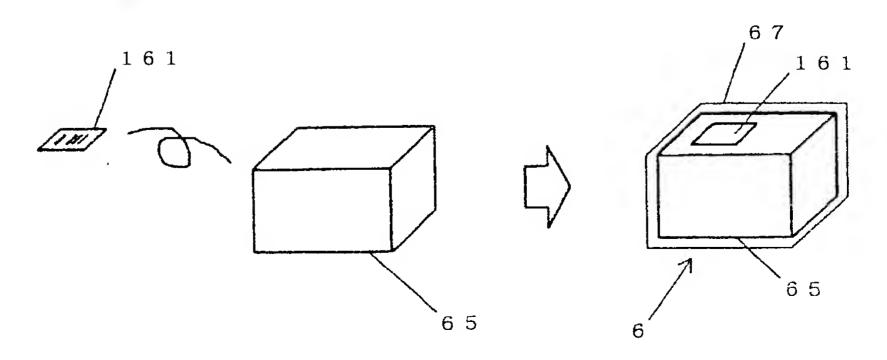


FIG. 24 (a)

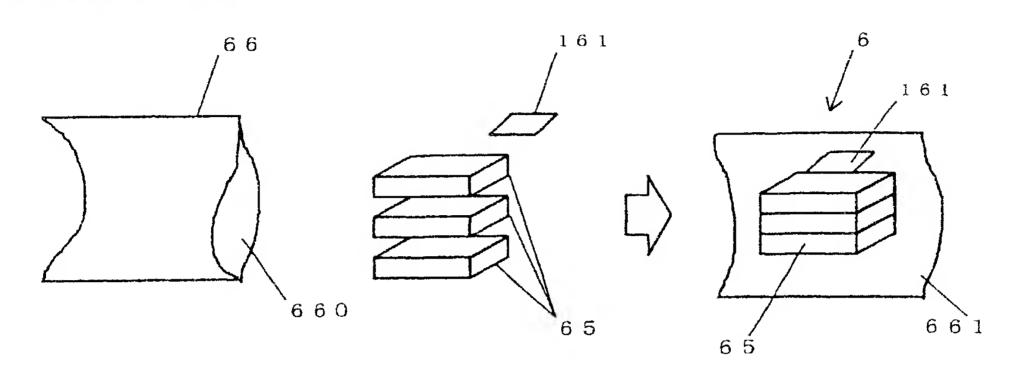


FIG. 24 (b)

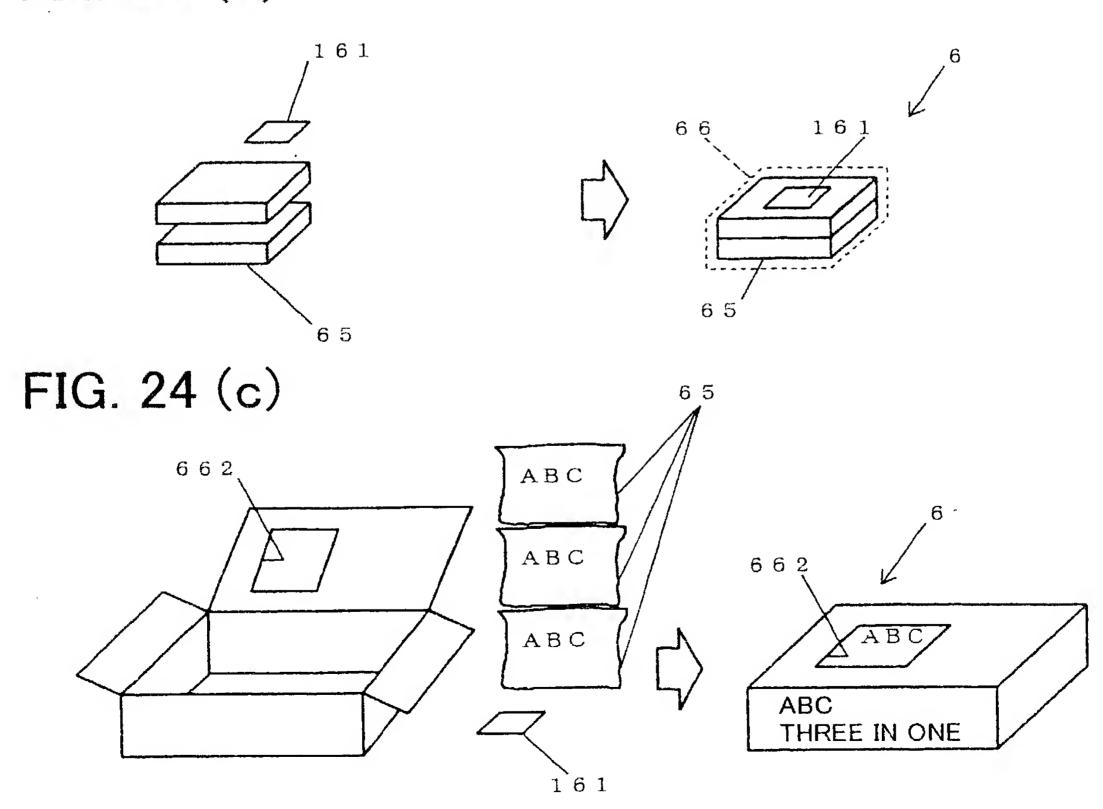


FIG. 25 (a)

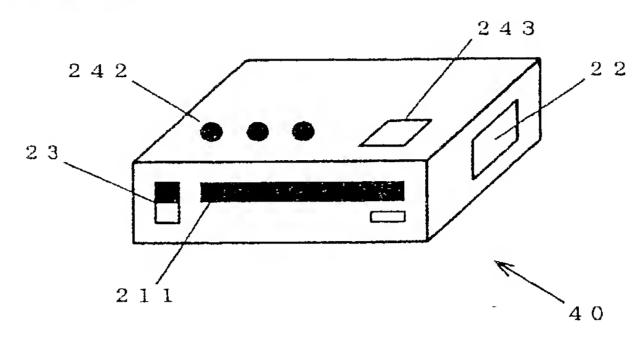


FIG. 25 (b)

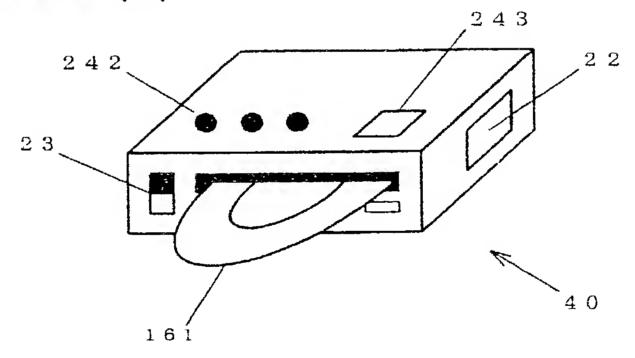


FIG. 25 (c)

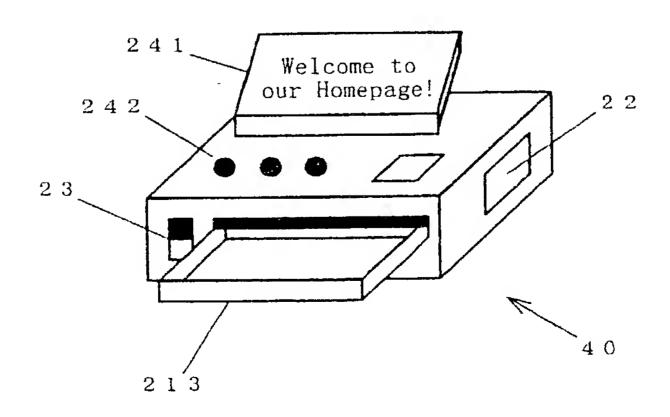


FIG. 26

TERMINAL STATION TA	ABI	_ E
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CUSTOMER TABLE

TERMINAL STATION ID	CONTRACT SIGNER ID	CONTRACT SIGNER ID	NAME	REMARKS
000001	000001	000001	$\triangle \triangle \triangle \triangle$	PRIVATE
000002	216320	 000002		PRIVATE
000003	002560	000003	0 00	CORPORATE
000004	380905	000004	- 00 000	PRIVATE
000005	102611	000005		
•		•		
•		•		
•	'	•		
		•		
	,			

FIG. 27

CONTRACT SIGNER ID: 000125

					·			T				1	
		PURCHASI	STATUS	N/A									
		THE NUMBER OF TIMES	COLLECTED	N/A									
			REMARKS 2	N/A									
	THTRD LEVEL		REMARKS 1	N/A									
E DATA			TITLE	N/A									
SPARE ARTICLE DATA			THIRD LEVEL CODE	N/A									
SPAI	10001	SECUND LEVEL	SECOND	N/A									
	01,000,00	SECUND	SECOND LEVEL CODE	N/A									
	, diffe	T9V4.1 90T	TOP LEVEL	N/A									
	6	10.1	TOP LEVEL CODE	N/A									
		FULL DATA	(FULL DIGITS)	N/A									
	•	DATE OF	COLLECTION Tc	ŀ									
		DATE OF	PURCHASE Tp	1									
		DATE OF	DELIVERY Td	N/A						2	 . 6		
			No		2	က	, 4	ιυ	9			2	

I' L'G. Z.O. CONTRACT SIGNER ID: 000125

						****				-	· · · · · ·			
		PURCHASE STATUS		NEW (SPARE)	NEW (SPARE)	NEW (SPARE)	NE% (SPARE)	NEW (SPARE)						· · · · ·
		THE NUMBER OF TIMES COLLECTED	≥.	1	1	2	0	¢/1						•
		REMARKS 2		FOR PC USE	11	11	H	FOR "DIGITAL VIEW						
) LEVEL	REMARKS 1		DATA SEARCH, EXPLOITATION SOFTWARE	JAPANESE ENCLISH TRANSLATION ASSISTANT	INTFRNET USABILITY ENHANCEMENT SOFTWARE	GENERAL USE (FIVE IN ONE PACK)	GENERAL. USE (F1VE IN ONE PACK)						
CLE DATA	THIRD	TITLE		* "DATA SEARCH"	"TRANSLATION ASSISTANT"	"INTERNET SUPPORT"								
RE ARTICLE		THIRD	CODE	0000	1000	0010	N/A	N/A						
SPARE	13/31	SECOND	LEVEL	APPLI- CATION SOFTWARE	APPL1- CATION SOFTWARE	APPLI- CATION SOFTWARE	VHS	DΛ						
	CECOND LEVE	SECOND	CODE	10	10	10	00	10						
	EVE	TOP	LEVEL.	CD-ROM	CD-ROM	CD-ROM	EMPTY MED FUM	EMPTY MEDIUM						
	1 004	TOP TOP	LEVEL	00	00	00	=	=						
		FULL DATA (FULL DIGITS)		0010 0000 0000 0101 0000	0010 0001 0000 0000 0100	0010 0000 0000 1100	1100 0000 0000 00111	1101 0000 0000 0101 0001						
		DATE OF COLLECTION To			l	l	1	1						
		DATE OF PURCHASE Tp					I	I						
		DATE OF DELIVERY Td		3/1/2000	3/1/2000	3/1/2000	3/1/2000	3/1/2000				•		
		No.			51.	က :	47		9	7	∞	6	10	=

CONTRACT SIGNER ID: 000125

		PURCHASE	STATUS	PURCHASED	NEW (SPARE)	NEW (SPARE)	NEW (SPARE)	PURCHASED				,	3 1	· · · ·
		THE NUMBER OF TIMES	COLLECTED N	_		2	0	¢1						
			REMARKS 2	FOR PC USE	11	11	11	FOR "DIGITAL VIEW						
) LEVEL		REMARKS 1	DATA SEARCH, EXPLOITATION SOFTWARE	JAPANESE ENGLÍSH TRANSLATION ASSIS FANT	INTERNET USABILITY ENHANCEMENT SOFTWARE	GENERAL USE (FIVE IN ONE PACK)	GENERAL USE (F1VE IN ONE PACK)						
ARTICLE DATA	THIRD		TILE	" "DATA SEARCH"	"TRANSLATION ASSISTANT"	"INTERNET SUPPORT"	l	ì						
			THIRD LEVEL CODE	0000	0001	0010	N/A	N/A						
SPARE	10,10	LEVEL	SECOND	APPLI- CATTON SOFTWARE	APPL I- CATION SOFTWARE	APPLI- CATION SOFTWARE	VHS	DΛ						
		SECOND	SECOND LEVEL CODE	01	10	10	00	01						
		EVEL	TOP LEVEL	CD-ROM	CD-ROM	CD-ROM	EMPTY MEDIUM	EMPTY MEDIUM						
		TOP LEVEL	TOP LEVEL CODE	00	00	00	11	=						
		FULL DATA	(FULL DIGITS)	0010 0000 0000 0101 0000	0010 0000 0000 1000 0100	0010 0010 0000 0000 1100	1100 0000 0000 0000 0111	1101 0000 0000 0101 0001						
		DATE OF	COLLECTION		l			l						
		DATE OF	PURCHASE Tp	3/1/2000 3/10/2000	į	1	1	3/18/2000						
		DATE OF	DELIVERY Td	1 3/1/2000	3/1/2000	3 3/1/2000	4 3/1/2000	5 3/1/2000	9	2		. 6		
	-		No.		63						<u>1 : </u>		10	=

CONTRACT SIGNER ID: 000125

		PURCHASE	STATUS	PURCHASED	COLLECTED	COLLECTED	COLL ECTIVD	PURCHASED	NEW (SPARE)	NEW (SPARE)	NEW (SPARE)	****	
	dadwin and		COLLECTED N	1	.T	0	0	c1	2	က	,		
			REMARKS 2	FOR PC USE	#	11	11	FOR "DIGITAL VIEW		FOR PC USE			
	LEVEL		REMARKS 1	DATA SEARCH, EXPLOITATION SOFTWARE	JAPANESE ENGLISH TRANSLATION ASSISTANT	INTERNET USABILITY ENHANCEMENT SOFTWARE	GENERAL USE (FIVE IN ONE PACK)	GENERAL USE (FIVE IN ONE PACK)	GENERAL USE (FIVE IN ONE PACK)	INTERNET EMAIL SOFTWARE	WITH SUBTITLE		
LE DATA	THIRD		TITLE	* DATA SEARCII"	"TRANSLATION ASSISTANT"	"INTERNET SUPPORT"				"EMAIL"	"XXX"		
RE ARTICLE		THIRD	CODE	0000	1000	0100	N/A	N/A	N/A	0011	0000		
SPARE	EVEL		SECOND	APPLI- CATION SOFTWARE	APPLI- CATION SOFTWARE	APPL [- CATION SOFTWARE	VHS	DV	MD	APPLI- CATION SOFTWARE	MOV1E		
	SECOND	anoone	SECOND LEVEL CODE	10	10	10	00	01	01	10	00		
	FVFI	CACE	TOP LEVEL	CD-ROM	CD-ROM	CD-ROM	EMPTY MEDIUM	EMP1Y MEDIUM	EMPTY	CD-ROM	DVD		
	TOP LEVE	101	TOP LEVEL CODE	00	00	00	=	11		00	01		
	-	FULL DATA	(FULL DIGITS)	0010 0000 0000 0101 0000	0010 0000 0000 0100	0010 0000 0000 1100	1100 0000 0000 0000 0111	1101 0000 0000 0101 0001	1110 0000 0000 0000 0111	0010 0001 0000 0000 1101	0100 0000 0000 1000		
	<u> </u>	DATE OF	Tc	1	4/1/2000	4/1/2000	4/1/2000	l	l	1	l		
		DATE OF	runchase	3/10/2000		1	1	3/18/2000		1	-		
		DATE OF	Td	3/1/2000	3/1/2000	3 3/1/2000	4 3/1/2000	5 3/1/2000	6 4/1/2000	7 4/1/2000	8 4/1/2000		
		. 2	o Z		. c ₃							10	1

FIG. 31

CONTRACT SIGNER ID: 000125

														····
			PURCHASE	PURCHASED	PURCHASED	NEW (SPARE)	NEW (SPARE)	NEW (SPARE)						
		THE NUMBER	COLLECTED N	-1	C1	59	က							, , , , , , , , , , , , , , , , , , ,
			REMARKS 2	FOR PC USE	FOR "DIGITAL VIEW		FOR PC USE							
	D LEVEL		REMARKS 1	DATA SEARCH, EXPLOITATION SOFTWARE	GENERAL USE (FIVE IN ONE PACK)	GENERAL USE (FIVE IN ONE PACK)	INTERNET EMAIL SOFTWARE	WITH SUBTITLE						
SLE DATA	THIRD		TITLE	"DATA SEARCII"	I	ļ	"EMAIL"	"ХХХ"						
RE ARTICLE			THIRD LEVEL CODE	0000	N/A	N/A	0011	0000						
SPARE	I FVF!	LL 1 1.4	SECOND	APPL1- CATION SOFTWARE	DΛ	MD	APPL I- CATION SOFTWARE	MOVIE						
	SECOND 1 FVF	ON ONE OF THE	SECOND LEVEL CODE	10	10	10	10	00						
	FVEI	יוט אטי	TOP LEVEL	CD-ROM	EMPTY MEDIUM	EMPTY MED FUM	CD-ROM	DVD						
	TOP LEVE		TOP LEVEL CODE	00		11	00	01						
		-	FULL DATA (FULL DIGITS)	0010 0000 0000 0101 0000	1101 0000 0000 0101 0001	1110 0000 0000 0000 0101	0010 0011 0000 0000 1101	0100 0000 0000 0000 1000						
		DATE OF	COLLECTION Te			l	1							
		DATE OF	PUKCHASE	3/1/2000 3/10/2000	3/8/2000	1		1						
		DATE OF	DELIVERY	3/1/2000	3/1/2000	4/1/2000	4/1/2000	4/1/2000				•	•	
			.c		. 60	ಣ	ঘ	က	9	7	- ∞	6	01	

FIG.32

ACCOUNTING LIST[4]

(PERIOD: FEBRUARY 16, 2000 - MARCH 15, 2000)

CONTRACT SIGNER ID: 000125

CONTRACT MODEL: GENERAL MACHINE

No.	PRODUCT	ACCOUNT FACTOR	DATE OF INSTALLATION	QUANTITY	UNIT PRICE	SUBTOTAL
1	APPLICATION SOFTWARE "Datahunter"	k1	3/10/2000	1	p1'	p1'*k1
2						
3			-			
4						
5				[
	41					
TOTAL						$\Delta\Delta\Delta\Delta$. Δ

ACCOUNTING LIST[5]

(PERIOD: MARCH 16, 2000 -APRIL 15, 2000)

CONTRACT SIGNER ID: 000125

CONTRACT MODEL:

	ο.		ACCOUNT FACTOR	DATE OF INSTALLATION	QUANTITY	UNIT PRICE	SUBTOTAL
1 2 3 4 5		DV CASSETTE	k2	3/18/2000			p4'*k2
TO	TAL						

FIG. 33

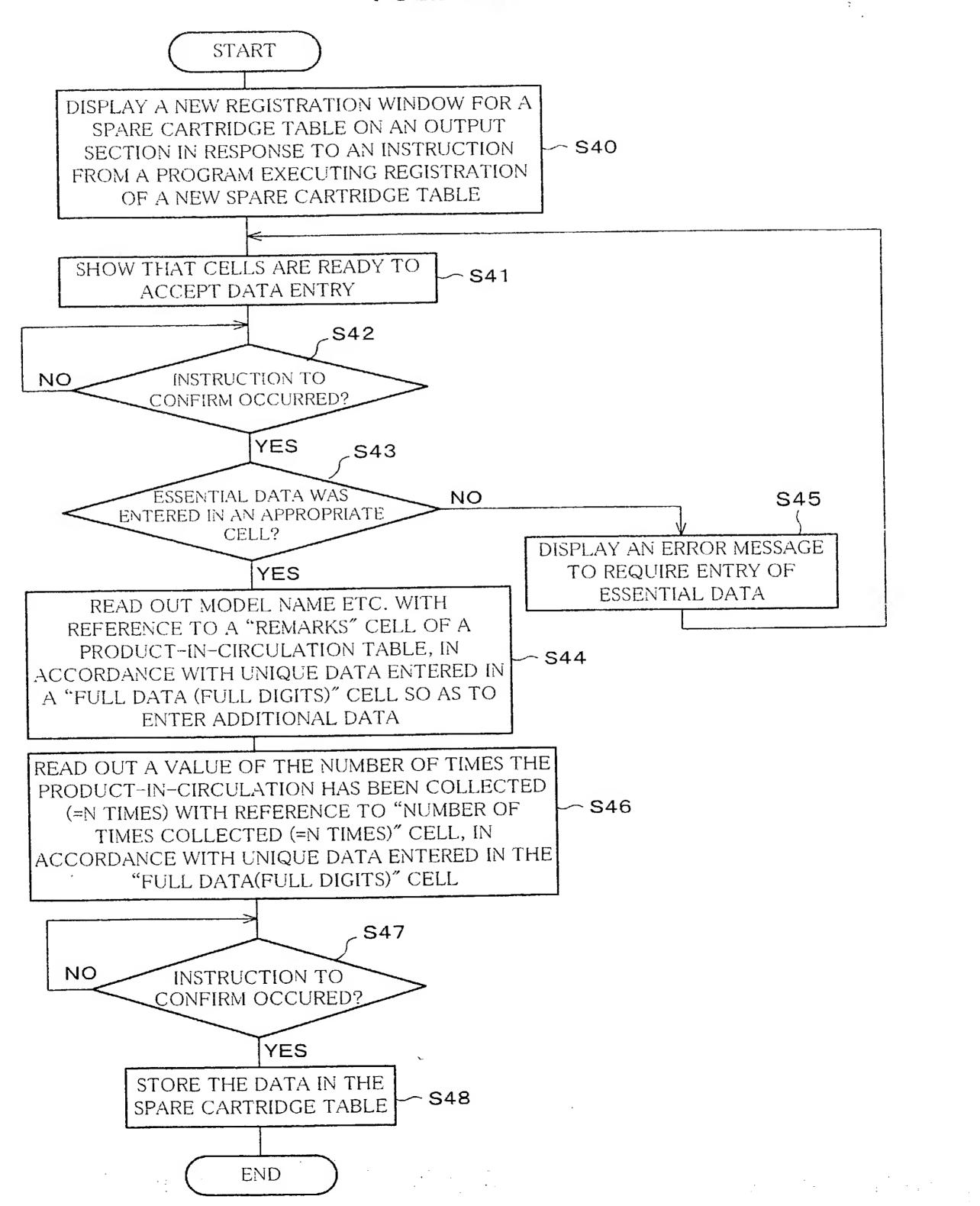


FIG. 34

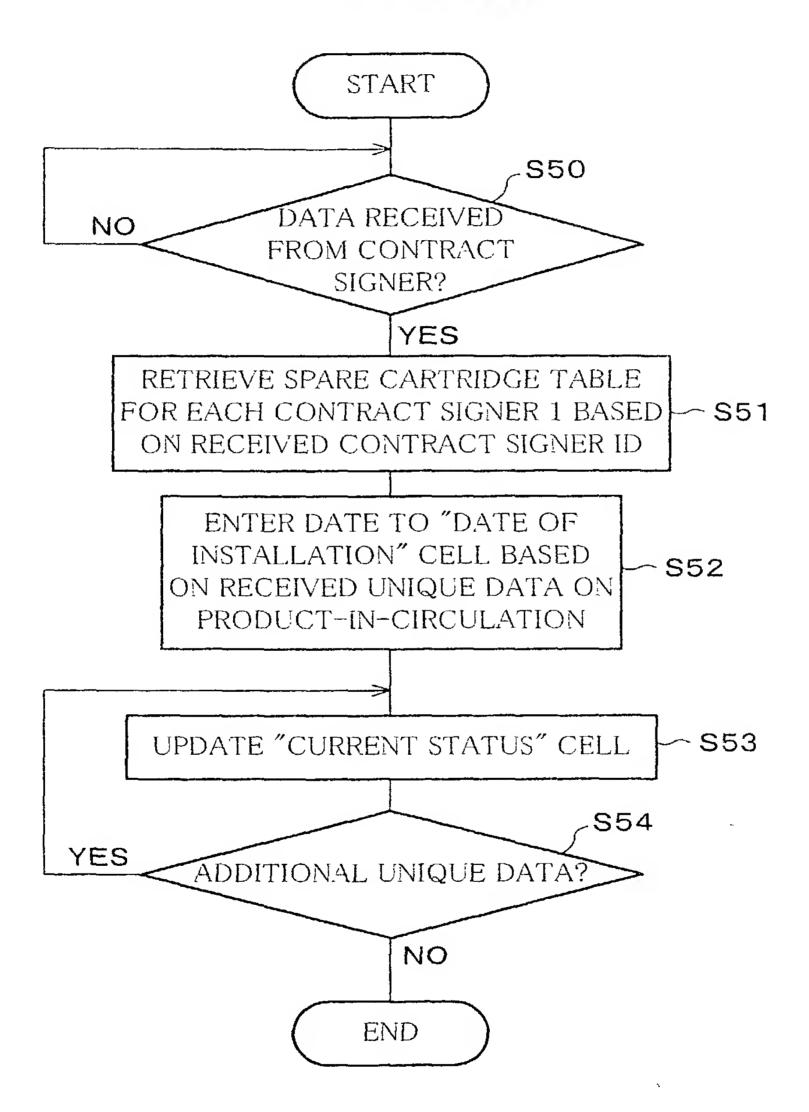


FIG. 35

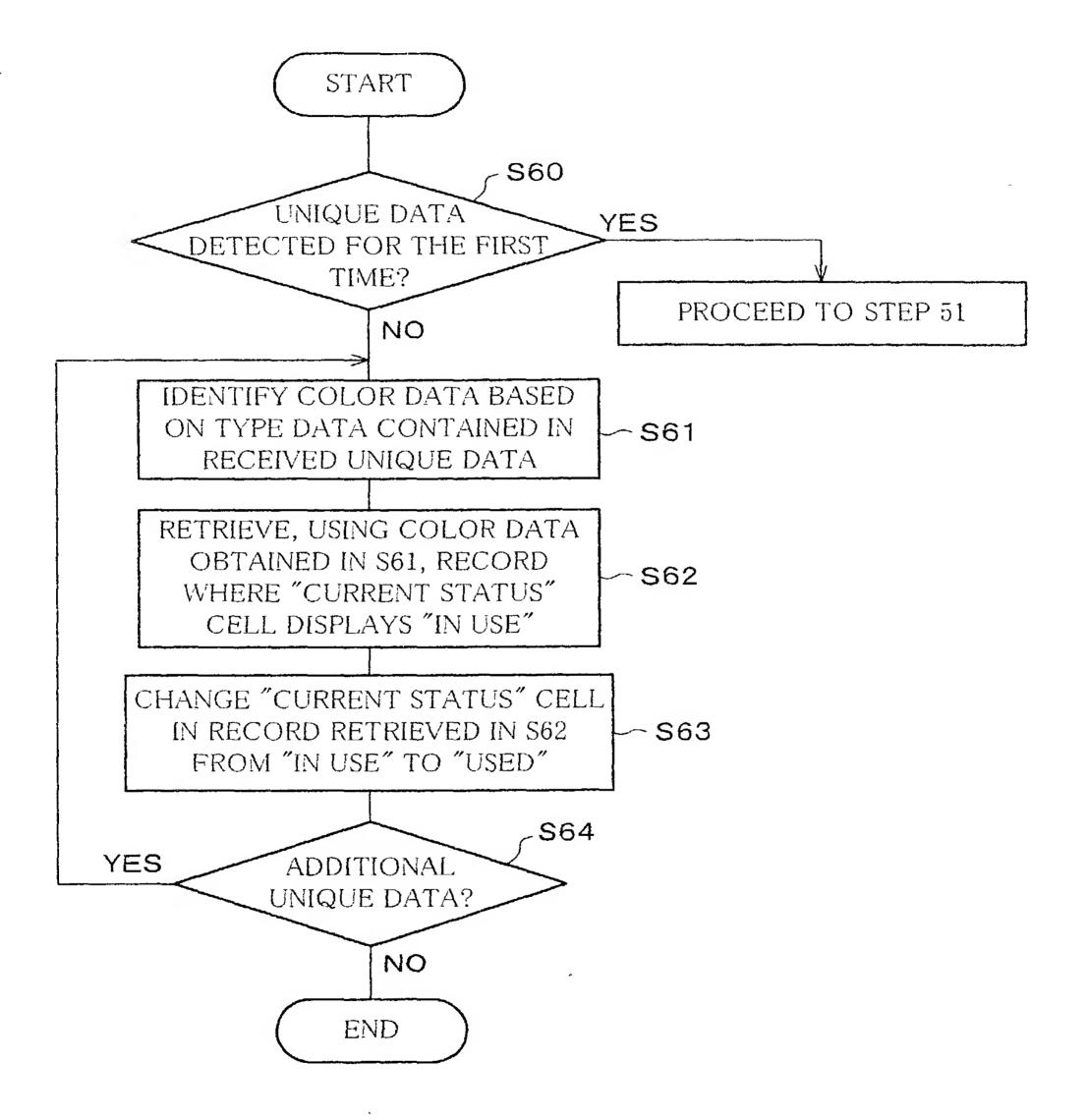
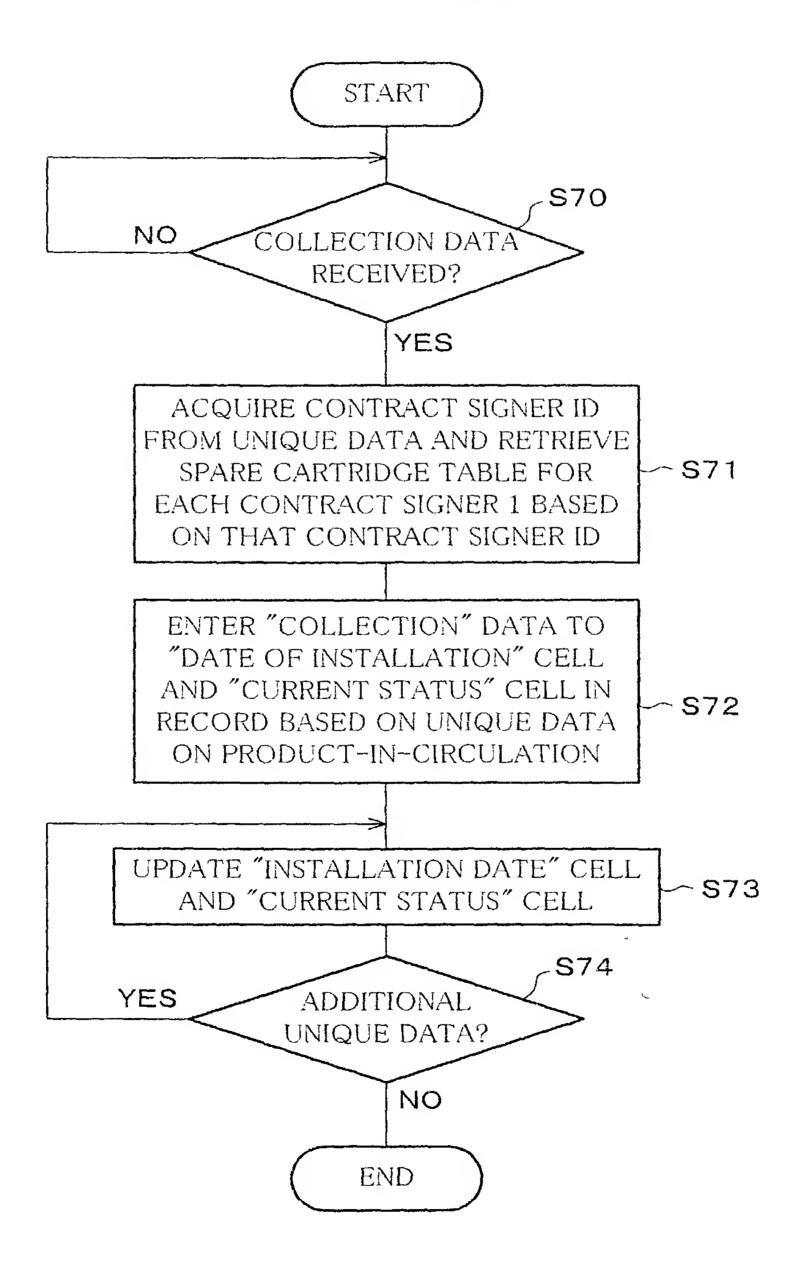
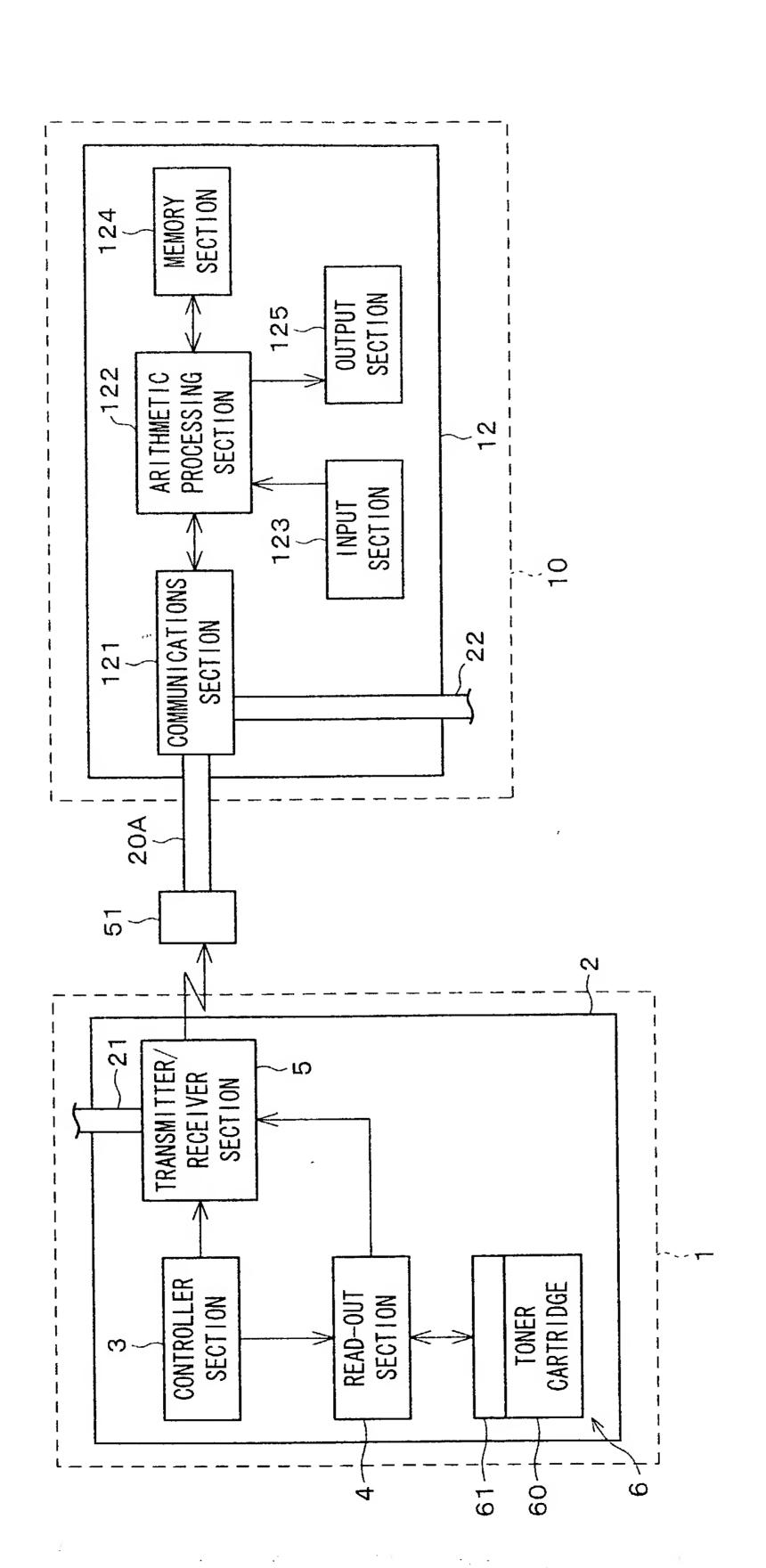


FIG. 36





. .

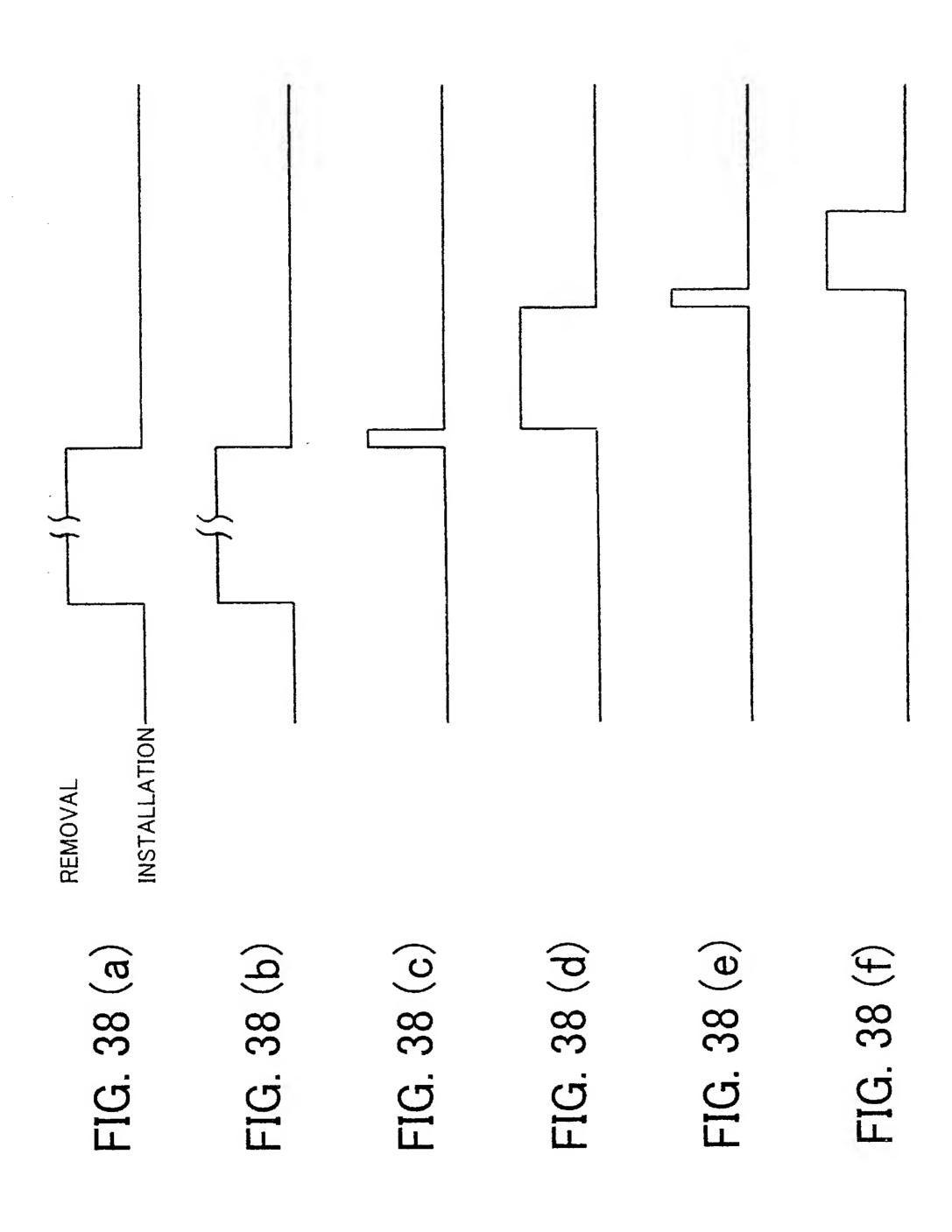


FIG. 39

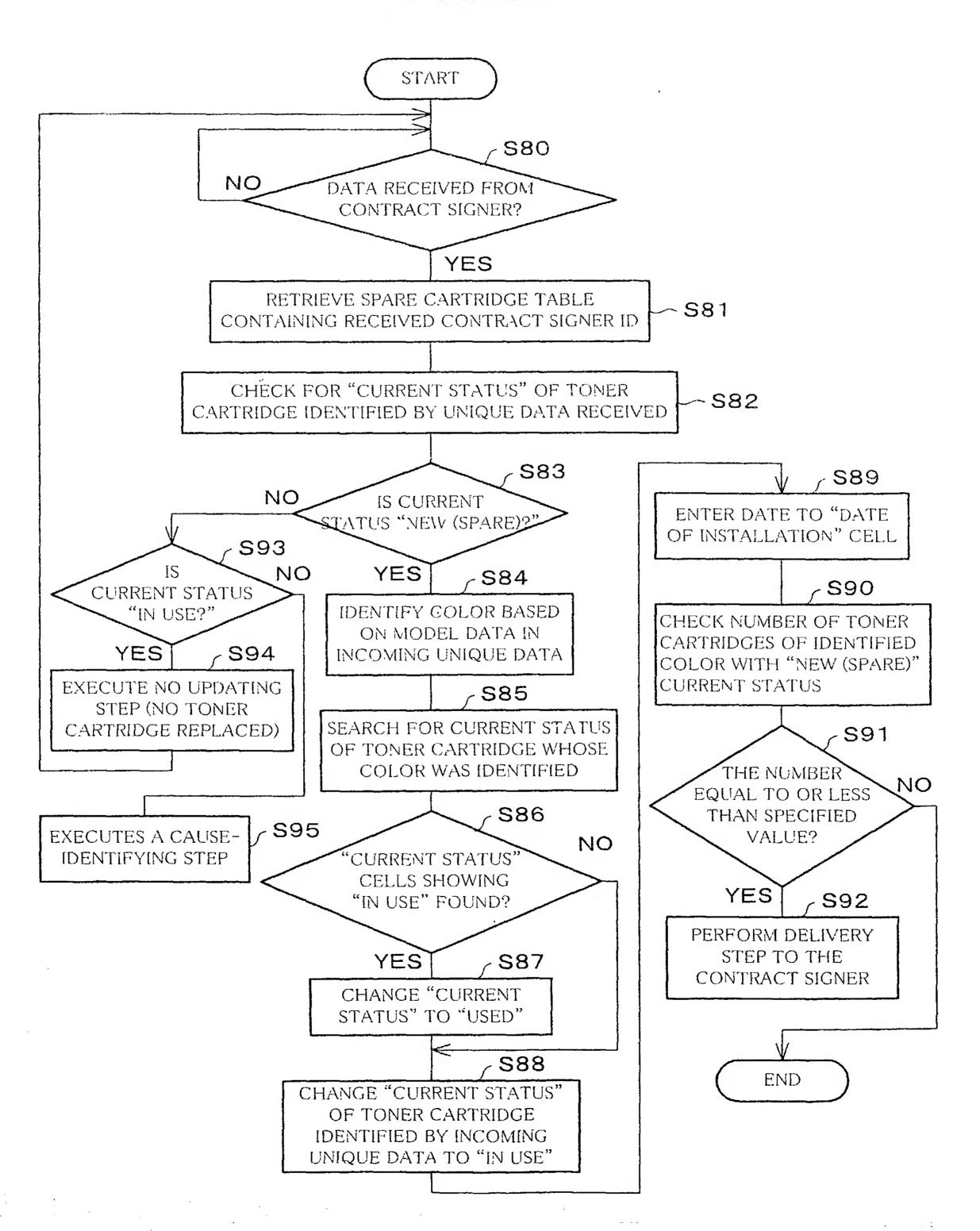


FIG. 40

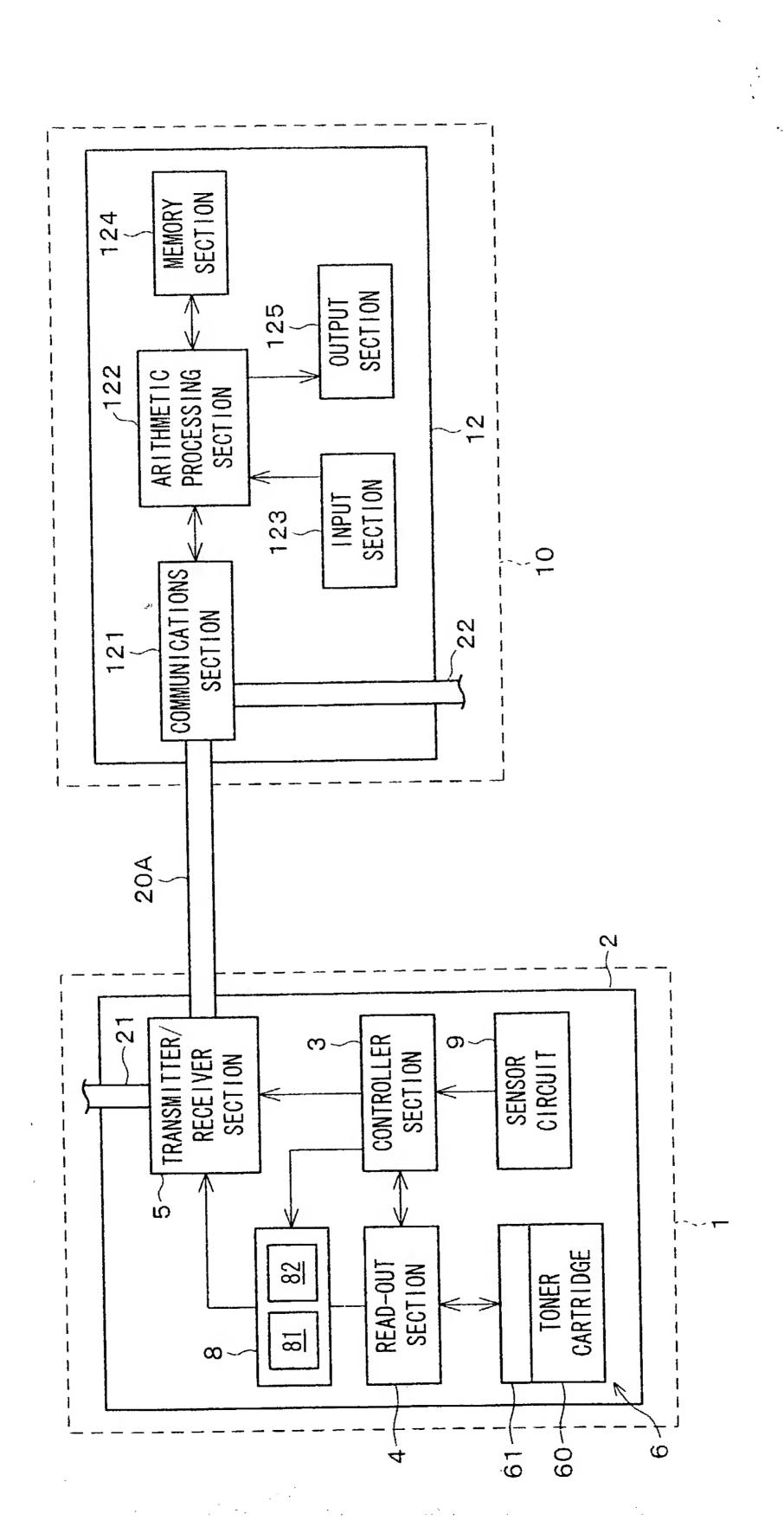


FIG. 41 (a)

ADVANCE REQU	EST PAGE
ENTER YOUR CONTRACT SIGNER ID	
SELECT ONE OR MORE PRODUCT GROUDELIVERED IN ADVANCE.	JPS THAT YOU WISH TO BE
✓ ·OFFICE SUPPLIES✓ ·ENTERTAINMENT PRODUCTS✓ ·EVERYDAY COMMODITIES	_
	SEND CLEAR

FIG. 41 (b)

ADVANCE REQU	JEST PAGE
SELECT ONE OR MORE PRODUCTS THAT IN ADVANCE.	AT YOU WISH TO BE DELIVERED
✓ ·SOFTWARE FOR PC✓ ·WESTERN MOVIES (ON DVD)✓ ·JAPANESE MOVIES (ON DVD)	
• • • •	SEND CLEAR

FIG. 41 (c)

• • •
FORM ACTION=">
<pre><input name="0210" type="checkbox"/>·SOFTWARE FOR PC </pre>
<pre><input name="0220" type="checkbox"/> WESTERN MOVIES (ON DVD) BR></pre>
<pre><input name="0230" type="checkbox"/> JAPANESE MOVIES (ON DVD) </pre>
• • •
(/FORM>

FIG. 41 (d)

FIG. 41 (e)

DATA	NUMBER OF REPLIES
0210	84
0220	173
0230	. 50
•••	

DATA	ARTICLE NAME
0210	SOFTWARE FOR PC
0220	WESTERN MOVIES (ON DVD)
0230	JAPANESE MOVIES (ON DVD)
•••	

FIG. 42 (a)

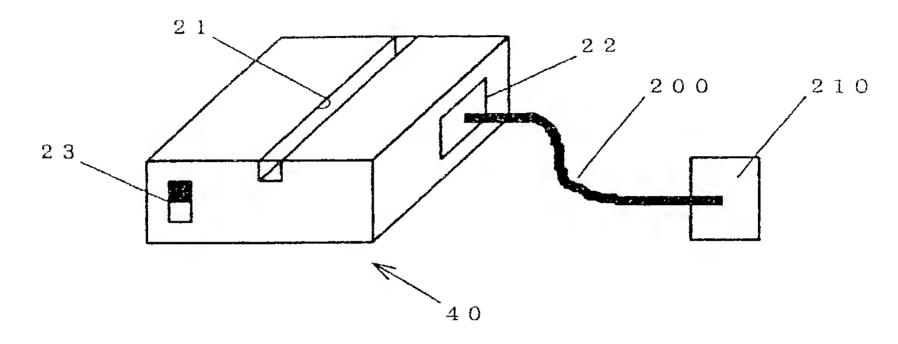


FIG. 42 (b)

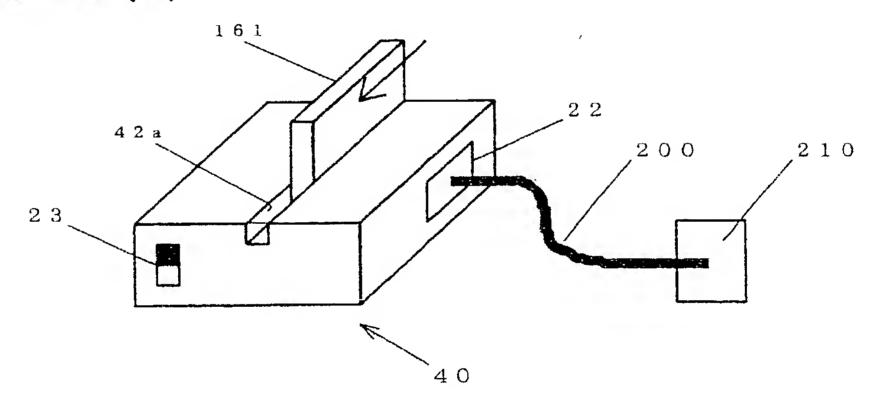


FIG. 42 (c)

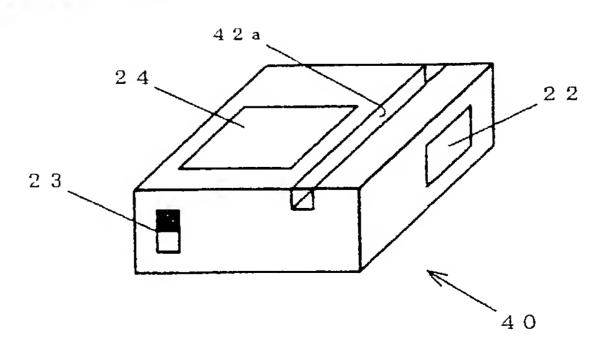


FIG. 43 (a)

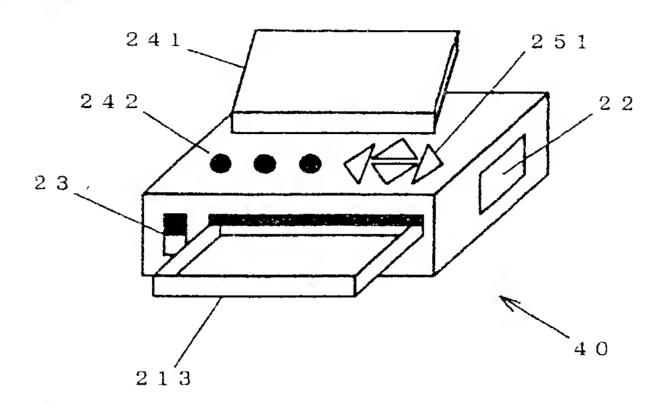


FIG. 43 (b)

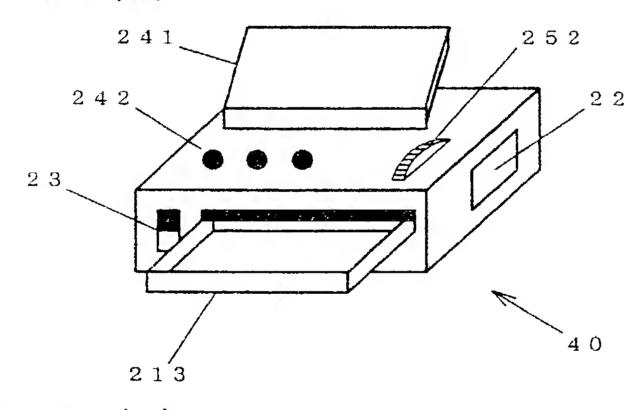


FIG. 43 (c)

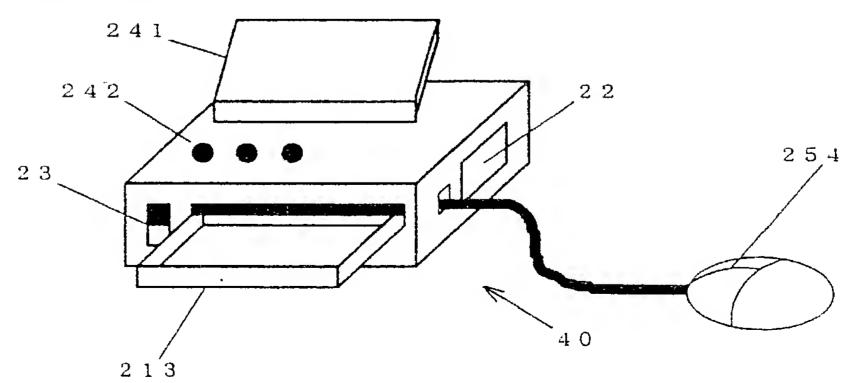
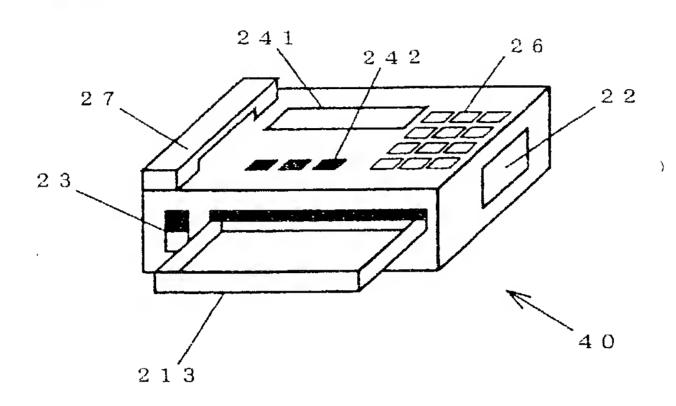
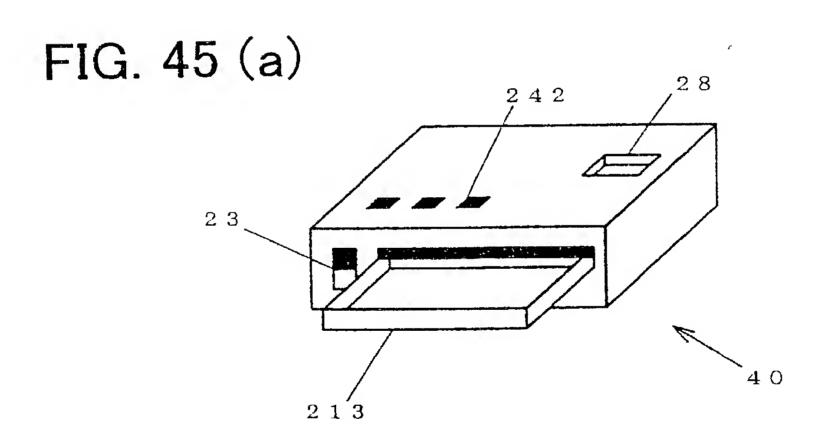


FIG. 44





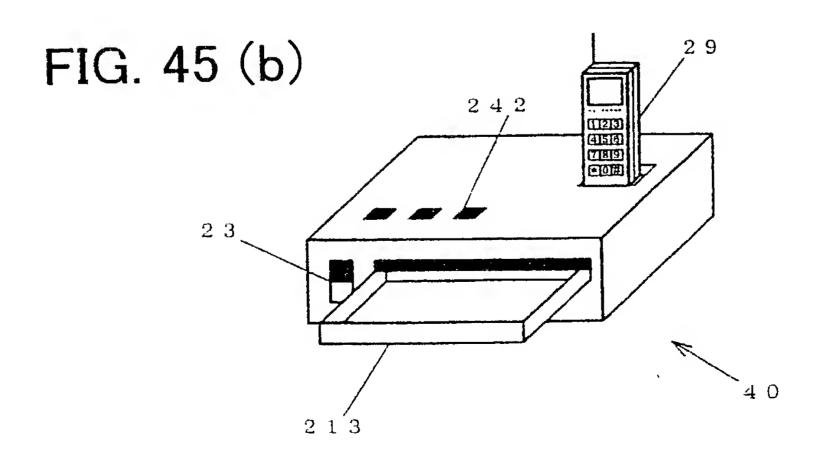


FIG.46(a)

PRODUCT-IN-CIRCULATION TABLE [1]

CURRENT DATA AND TIME Tp: 10/28/2000

UNIQUE DATA	REMARKS ON PRODUCT-IN- CIRCULATION TABLE	"USE-BY" DATE T	ACCOUNTING
0000 0000 0000 0101 0000		5/14/2000	CHARGED
0000 0000 0000 0101 0001	BLACK TONER CARTRIDGE	5/14/2000	UNCHARGED
0000 0000 0000 0101 0010	FOR AR-2000	5/14/2000	UNCHARGED
0100 0000 0000 0000 0100		11/1/2001	CHARGED
0100 0000 0000 0000 0101	YELLOW TONER CARTRIDGE	11/1/2001	UNCHARGED
	FOR AR-2000		• • •
0100 0000 0000 0000 1100		11/1/2001	CHARGED
0100 0000 0000 0000 1101	MAGENTA TONER CARTRIDGE	11/1/2001	UNCHARGED
	FOR AR-2000		
1100 0000 0000 0000 0111	CYAN TONER CARTRIDGE	11/1/2001	CHARGED
1100 0000 0000 0000 0111	FOR AR-2000	11/1/2001	UNCHARGED
	•••	441	•••

FIG.46(b)

PRODUCT-IN-CIRCULATION TABLE [2]

CURRENT DATA AND TIME Tp: 10/28/2000

UNIQUE DATA	REMARKS	"USE-BY" DATE T	ACCOUNTING
•••	•••	•••	• • •
0010 0000 0000 0000 0000			CHARGED
0010 0000 0000 0000 0001	APPLICATION SOFTWARE	12/31/2000	LNCHARGED
0010 0000 0000 0000 0010	"DATA SEARCH" Ver. 1.0	12/01/2000	UNCHARGED
•••			
0010 0000 0000 1000 0000			CHARGED
0010 0000 0000 1000 0001	APPLICATION SOFTWARE	5/31/2001	CHARGED
0010 0000 0000 1000 0010	"DATA SEARCH" Ver. 2.0	0, 01, 2001	UNCHARGED
			4
•••	• • •	11.	• • •
0010 0001 0000 0000 0000	APPLICATION SOFTWARE		CHARGED
0010 0001 0000 0000 0001	"TRANSLATION ASSISTANT"	7/1/2001	CHARGED
0010 0001 0000 0000 0010	TIV-MOEMIOTY ACCIONATE		UNCHARGED
•••	•••		

FIG. 47 (a) INSTALLED CARTRIDGE DATA

MACHINE MODEL | AR-2000 LIBRE

CONTRACT SIGNER ID 000125

Sidvin Boat dware	DATE OF		INSTALLED CARTRIDGE DATA	TRIDGE DAT.	V	DATE OF	TIME REMAINING	CORRESPONDING SPARE CARTRIDGE
CARTRIDGE TIPE	REPLACEMENT	FULL DATA (FULL DIGITS)	COLOR DATA (FIRST TWO DIGITS)	MODEL DATA	UNIQUE DATA	EXPIRY T	BEFORE EXPIRY Tr	No.
. BI.ACK	N/A	N/A	V/N	N/A	N/A	N/A	N/A	N, A
YELLOW	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MAGENTA	N/A	N/A	. N/A	N/A	N/A*	N/A	N/A	N/A
CYAN	N/A	N/A	V/N	N/A	N/A	N/A	N/A	N/A
PHOTOSENSITIVE BODY	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

FIG. 47 (b) SPARE CARTRIDGE DATA

MACHINE MODEL AR-2000 LIBRE CONTRACT SIGNER 1D 000125

DATE 03/21/2000/15:58

ATE OF	/2	SPARE CARTRIDGE DATA	DGE DATA		CURRENT	DATE OF	TIME REMAINING
No. DATE OF DELIVERY INSTALLATION FULL DATA (FULL DIGITS)	GITS) COLOR L	COLOR DATA (FIRST TWO DIGITS)		UNIQUE DATA	STATUS	EXPIRY T	BEFORE EXPIRY Tr
N/A N/A		N/A	N/A	N/A	N/A	N/A	N/A
							,
							•
							, • [*]

FIG. 48 (a) INSTALLED CARTRIDGE DATA

MACHINE MODEL | AR-2000 LIBRE

CONTRACT SIGNER ID 000125

	DATE OF		INSTALLED CARTRIDGE DATA	DATA	-	DATE OF	TIME REMAINING	CORRESPONDING SPARE CARTRIDGE
CAKIKIDUE IYPE	REPLACEMENT	FULL DATA (FULL DIGITS)	COLOR DATA (FIRST TWO DIGITS)	MODEL DATA	UNIQUE DATA	EXPIRY T	BEFORE EXPIRY Tr	No.
BLACK	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
YELLOW	N/A	N/A	N/A	N/A	V/N	N/A	N/A	N/A
MAGENTA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N,′A
CYAN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PHOTOSENSITIVE BODY	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

FIG. 48 (b) SPARE CARTRIDGE DATA

MACHINE MODEL AR-2000 LIBRE

CONTRACT SIGNER ID 000125

DATE 03/22/2000/15:58

T .		30 32,40		SPARE CARTRIDGE DATA	ATA		THEODERA	30 30 V	ON THE ARMY SHOW
<u>a</u>	No. DATE OF DELIVERY	INSTALLATION FULL DATA	FULL DATA (FULL DIGITS)	COLOR DATA (FIRST TWO DIGITS)	MODEL DATA	UNIQUE DATA	STATUS	DANIE OF EXPIRY T	BEFORE EXPIRY Tr
	3/22/2000		0000 1010 0000 0000 0000	0000 0101 0000 BLACK TONER(00)	AR-2000	AR-2000 0000 0000 0101 0000	0101 0000 NEW (SPARE) 5/14/2000	5/14/2000	Tr3
!	3/22/2000	1	0100 0000 0000 0000 0010	0000 0000 0100 YELLOW TONEK(01)	AR-2000	AR-2000 0000 0000 0000 0100	0000 0100 NEW (SPARE)	11/1/2001	T r 1
	3/22/2000	-	1000 0000 0000 0000 0001	0000 0000 1100 MAGENTA TONER(10) AR-2000 0000 0000	AR-2000		0000 1100 NEW (SPARE)	11/1/2001	Trl
	3/22/2000		1110 0000 0000 0000 0011	0000 0000 0111 CYAN TONER(11)	AR-2000	AR-2000 0000 0000 0111	0000 0111 NEW (SPARE)	11/1/2001	1 J J.
	3/22/2000		1000 1010 0000 0000 0000	0000 0101 0001 BLACK TONER (00)	AR-2000	AR-2000 0000 0000 0101 0001	0101 0001 NEW (SPARE)	12/14/2000	Tr 1
	3/22/2000		0100 0000 0000 0000 0010	0000 0000 0101 YELLOW TONER(01)	AR-2000	AR-2000 0000 0000 0000 0101	0000 0101 NEW (SPARE) 11/1/2001	11/1/2001	111
	3/22/2000		1010 0000 0000 0000 0001	0000 0000 1101 MAGENTA TONER(10)	AR-2000	AR-2000 0000 0000 1101	0000 1101 NEW (SPARE)	11/1/2001	1 1 L
	3/22/2000	1	1100 0000 0000 0000 1000	CYAN TONER(11)	AR-2000	AR-2000 0000 0000 0000 1000	0000 1000 NEW (SPARE)	11/1/5001	·, 1.4.1
	•								
	•								
	_	-		-	-		_		

FIG. 49 (a) INSTALLED CARTRIDGE DATA

MACHINE MODEL | AR-2000 LIBRE CONTRACT SIGNER ID 000125

	DATE OF		INSTALLED CARTRIDGE DATA	3 DATA		7. C.	TIME	CORRESPONDING
CAKTRIDGE TYPE	REPLACEMENT		ACCITACION AND A CHARLES	11001		DATE OF	KEMAINING	SPAKE CAKIKIDGE
		FULL DATA (FULL DIGITS)	CULOK DATA (FIKS) TWO DIGITS)	MODEL DATA	UNIQUE DATA	EXPIKY 1	BEFORE EXPIRY Tr	No.
BLACK	3/22/2000	0000 1010 0000 0000 0000	0000 0101 0000 BLACK TONER (00)	H	AR-2000 0000 0000 0101 0000	0101 0000 5/14/2000	T r 3	1 (No 1)
YELLOW	3/22/2000	0010 0000 0000 0000 0010	0000 0000 0100 YELLOW TONER(01)	AR-2000	•	0000 0100 11/1/2001		1 (No. 1)
MAGENTA	3/22/2000	1000 0000 0000 1100	0000 0000 1100 MAGENTA TONER(10) AR-2000 0000 0000	AR-2000	1	0000 1100 11/1/2001		1 (N. 9)
CYAN	3/22/2000 1100 0000	1	0000 0000 0111 CYAN TONER(11)	AR-2000	•	0000 0111 11/1/2001	- 1 - 1 - 1 - 1	(NO. 5)
				1		17) 1/2001	T T T	1 (NO.4)
PHOTOSENSITIVE	8/10	, , , , , , , , , , , , , , , , , , ,						
BODY	W/W	N/A	N/A	N/A	N/A	N/A	N/A	N/A

FIG. 49 (b) SPARE CARTRIDGE DATA

MACHINE MODEL AR-2000 LIBRE

CONTRACT SIGNER ID 000125

DATE 03/22/2000/15:58

		DATE OF		SPARE CARTRIDGE DATA	ATA				
No.	DATE OF DELIVERY	N I	FULL DATA (FULL DIGITS)	COLOR DATA (FIRST TWO DIGITS)	MODEL DATA	UNIQUE DATA	CURRENT	DATE OF EXPIRY T	TIME REMAINING BEFORE EXPIRY To
-	3/22/2000	3/22/2000	0000 0000 0000 0101 0000 BLACK TONER(00)	BLACK TONER (00)	AR-2000	AR-2000 0000 0000 0101 0000	IN USE	5/14/2000	7 - 3
\sim 1	3/22/2000	3/22/2000	0100 0000 0000 0000 0100 YELLOW TONER(01)	YELLOW TONER (01)	1	AR-2000 0000 0000 0000 0100	TN USF	11/1/9001	١ ، ١,
	3/22/2000	3/22/2000	1000 0000 0000 0000 1100 MAGENTA TONFR(10) AR-2000 0000 0000 0000 1100	MAGENTA TONER (10)	AR-2000	0000 0000 0000 1100	IN USE	11/1/2001	1 1 1
₹'	3/22/2000	3/22/2000	1100 0000 0000 0000 0111 CYAN TONER(11)	CYAN TONER(11)	AR-2000	AR-2000 0000 0000 0000 0111		11/1/9001	7 1 1
10	3/22/2000		0000 0000 0000 0101 0001 BLACK TONER(00)	BLACK TONER(00)	AR-2000	AR-2000 0000 0000 0101 0001	NFW	1	
9	3/22/2000	1	0100 0000 0000 0000 0101 YELLOW TONER(01)	YELLOW TONER(01)	AR-2000	AR-2000 0000 0000 0000 0101 NFW (SPARE)	NFW (SPARE)		1 1 1
7	3/22/2000	1	1000 0000 0000 0000 1101 MAGENTA TONER (10)	MAGENTA TONER (10)	AR-2000	AR-2000 0000 0000 0000 1101 NFW (SPARE)	NFW (SPARE)		
<u>∞</u>	3/22/2000		1100 0000 0000 0000 1000	CYAN TONER(11)	AR-2000	AR-2000 0000 0000 0000 1000 NFW (SPARE)	VEW (SPARE)		T 1 1
0	-						(Switz) Her	1	1 1 1
10	•								
_	***								٠

FIG. 50 (a) INSTALLED CARTRIDGE DATA

MACHINE MODEL AR-2000 LIBRE CONTRACT SIGNER ID 000125

	DATE OF	S	INSTALLED CARTRIDGE DATA	DATA		DATE OF	TIME REMAINING	CORRESPONDING SPARE CARTRIDGE
CARTRIDGE TYPE	REPLACEMENT	FULL DATA (FULL DIGITS)	COLOR DATA (FIRST TWO DIGITS)	MODEL DATA	UNIQUE DATA	EXPIRY T	BEFORE EXPIRY Tr	No.
BLACK	6/12/2000	0000 0000 0000 0101 0001 BLACK TONER(00)	BLACK TONER(00)		AR-2000 0000 0000 0101 0001 12/14/2000	12/14/2000	T r 1	0 (No. 5)
YELLOW	3/22/2000	0100 0000 0000 0000 0100 YELLOW TONER(01) AR-2000 0000 0000	YELLOW TONER(01)	AR-2000		0000 0100 11/1/2001	T r 1	1 (No. 2)
MAGENTA	3/22/2000	1000 0000 0000 0000 1100 MAGENTA TONER(10) AR-2000 0000 0000	AAGENTA TONER(10)	AR-2000		0000 1100 11/1/2001	T r 1	1 (No. 3)
CYAN	3/22/2000	1100 0000 0000 0000 0111 CYAN TONER(11)	CYAN TONER(11)	AR-2000	AR-2000 0000 0000 0000 0111	0000 0111 11/1/2001	T r 1	1 (No. 4)
PHOTOSENSITIVE BODY	N/A	V/N	N/A	N/A	N/A	N/A	V/N	N/A

FIG. 50 (b) SPARE CARTRIDGE DATA

MACHINE MODEL | AR-2000 LIBRE

CONTRACT SIGNER ID 000125

03/22/2000/15.58

		DATE OF		SPARE CARTRIDGE DATA	ATA		CHEDERAT	DATE OF	TIME DEMATATAL
No.	DATE OF DELIVERY	INSTALLATION FULL DATA	FULL DATA (FULL, DIGITS)	COLOR DATA (FIRST 1WO DIGITS)	MODEL DATA	UNIQUE DATA	STATUS	EXPTRY T	BEFORE EXPIRY Tr
-	3/22/2000	3/22/2000	0000 1010 0000 0000 0000	0000 0101 0000 BLACK 10NER(00)	AR-2000	AR-2000 0000 0000 0101 0000	USED	5/14/2000	Tr3
2	3/22/2000	3/22/2000	0010 0000 0000 0000 0010	0000 0000 0100 YELLOW TONER(01)		AR-2000 0000 0000 0000 0100	asu ni	11/1/2001	1 1 1,
೧೭	3/22/2000	3/22/2000	1000 0000 0000 0000 0001	0000 0000 1100 MAGENTA TONER (10)	[AR-2000 0000 0000 1100	aso ni	11/1/2001	1 J.
4	3/22/2000	3/22/2000	1110 0000 0000 0000 0011	0000 0000 0111 CYAN TONER(11)	AR-2000	AR-2000 0000 0000 0000 0111	IN USE	11/1/2001	T r 1
2	3/22/2000	6/12/2000	1000 1010 0000 0000 0000	0000 0101 0001 BLACK TONER (00)	AR-2000	AR-2000 0000 0000 0101 0001	IN USE	12/14/2000	1. J J.
9	3/22/2000	1	1010 0000 0000 0000 0010	0000 0000 0101 YELLOW TONER(01)	AR-2000	AR-2000 0000 0000 0000 0101 NEW (SPARE)	NEW (SPARE)	11/1/2001	1 1 1
7	3/22/2000	1	1011 0000 0000 0000 0001	MAGENTA TONER (10)	AR-2000	0000 0000 1101 MAGENTA TONER(10) AR-2000 0000 0000 0101 NEW (SPARE)	NEW (SPARE)	11/1/5001	TIL
∞	3/22/2000	1	1100 0000 0000 0000 1000	CYAN TONER(11)	AR-2000	0000 0000 0000 1000 NEW (SPARE)	NEW (SPARE)	11/1/2001	Trl
6	•								
01	•								-
									•

FIG. 51 (a) INSTALLED CARTRIDGE DATA

MACHINE MODEL AR-2000 LIBRE CONTRACT SIGNER ID 000125

							TIME	CORRESPONDING
	DATE OF	NI	INSTALLED CARTRIDGE DATA	DATA		DATE OF	REMAINING	SPARE CARTRIDGE
CARTRIDGE TYPE	REPLACEMENT	FULL DATA (FULL DIGITS)	COLOR DATA (FIRST TWO DIGITS)	MODEL DATA	UNIQUE DATA	EXPIRY T	BEFORE EXPIRY Tr	No.
RI ACK	6/12/2000	0000 0000 0000 0101 0001 BLACK TONER(00) AR-2000 0000 0000 0101 0001 12/14,2000	BLACK TONER (00)	AR-2000	0000 1010 0000 0000	12/14/2000	Trl	1 (No. 5)
VELLOW	3/22/2000	0100 0000 0000 0000 0100 YELLOW TONER(01) AR-2000 0000 0000	YELLOW TONER (01)	AR-2000	0010 0000 0000 0000	0000 0100 11/1/2001	Тг1	1 (No. 2)
MACENTA	3/22/2000	1000 0000 0000 0000 1100 MAGENTA TONER(10) AR-2000 0000 0000	AAGENTA TONER (10)	AR-2000	0000 0000 0000 1100 11/1/2001	11/1/2001	T r 1	1 (No. 3)
CVAN	3/22/2000		CYAN TONER(11)	AR-2000		0000 0111 11/1/2001	T r 1	1 (No. 4)
		_				,		
PHOTOSENSITIVE	N/A	V/N	N/A	N/A	N/A	N/A		V/N
RODV	•• //1							

FIG. 51 (b) SPARE CARTRIDGE DATA

MACHINE MODEL | AR-2000 LIBRE

CONTRACT SIGNER ID 000125

DATE 03/22/2000/15:58

				SPARE CARTRIDGE DATA	ATA		CHRRENT	DATE OF	TIME REMAINING
No.	DATE OF DELIVERY	DATE OF INSTALLATION	FULL DATA (FULL DIGITS)	COLOR DATA (FIRST TWO DIGITS)	MODEL DATA	UNIQUE DATA	STATUS	EXP LRY. T	BEFORE EXPIRY Tr
-	3/22/2000	3/22/2000	0000 0000 0000 0101 0000 BLACK TONER(00)	BLACK TONER (00)	AR-2000	AR-2000 0000 0000 0101 0000	OSED	5/14/2000	T r 3
- -		3/22/2000	0100 0000 0000 0000 0100 YELLOW TONER(01)	YELLOW TONER(01)	AR-2000	AR-2000 0000 0000 0000 0100	IN USE	11/1/2001	T r 1
1 0		3/22/2000	1000 0000 0000 0000 1100 MAGENTA TONER(10)	MAGENTA TONER (10)	AR-2000	AR-2000 0000 0000 0000 1100	IN USE	11/1/2001	T r 1
3 4		3/22/2000	1100 0000 0000 0000 0111 CYAN TONER(11)	CYAN TONER (11)	AR-2000	AR-2000 0000 0000 0000 0111	IN USE	11/1/2001	Tr.
عا اح		6/12/2000	0000 0000 0000 0101 0001 BLACK TUNER (00)	BLACK TUNER (00)	AR-2000	AR-2000 0000 0000 0101 0001	IN USE	12/14/2000	T r 1
ه رو		COLLECTED	0100 0000 0000 0000 0101 YELLOW TONER(01)	YELLOW TONER(01)	AR-2000	AR-2000 0000 0000 0000 0101	COLLECTED		
2 C		COLLECTED	1000 0000 0000 0000 1101 MAGENTA TONER(10)	MAGENTA TONER (10)	AR-2000	AR-2000 0000 0000 0000 1101	COLLECTED	ep-va	h-te
- ∝		COLLECTED	1100 0000 0000 0000 1000 CYAN TONER(11)	CYAN TONER (11)	AR-2000	AR-2000 0000 0000 0000 1000 COLLECTED	COLLECTED	ŀ	
ा			0000 0000 0000 0101 0010 BLACK TONER (00)	BLACK TONER (00)	AR-2000	AR-2000 0000 0000 0101 0010 NEW (SPAKE)	NEW (SPARE)	12/14/2000	Tř 2
, =									÷
2									·.
_								_	

FIG. 52

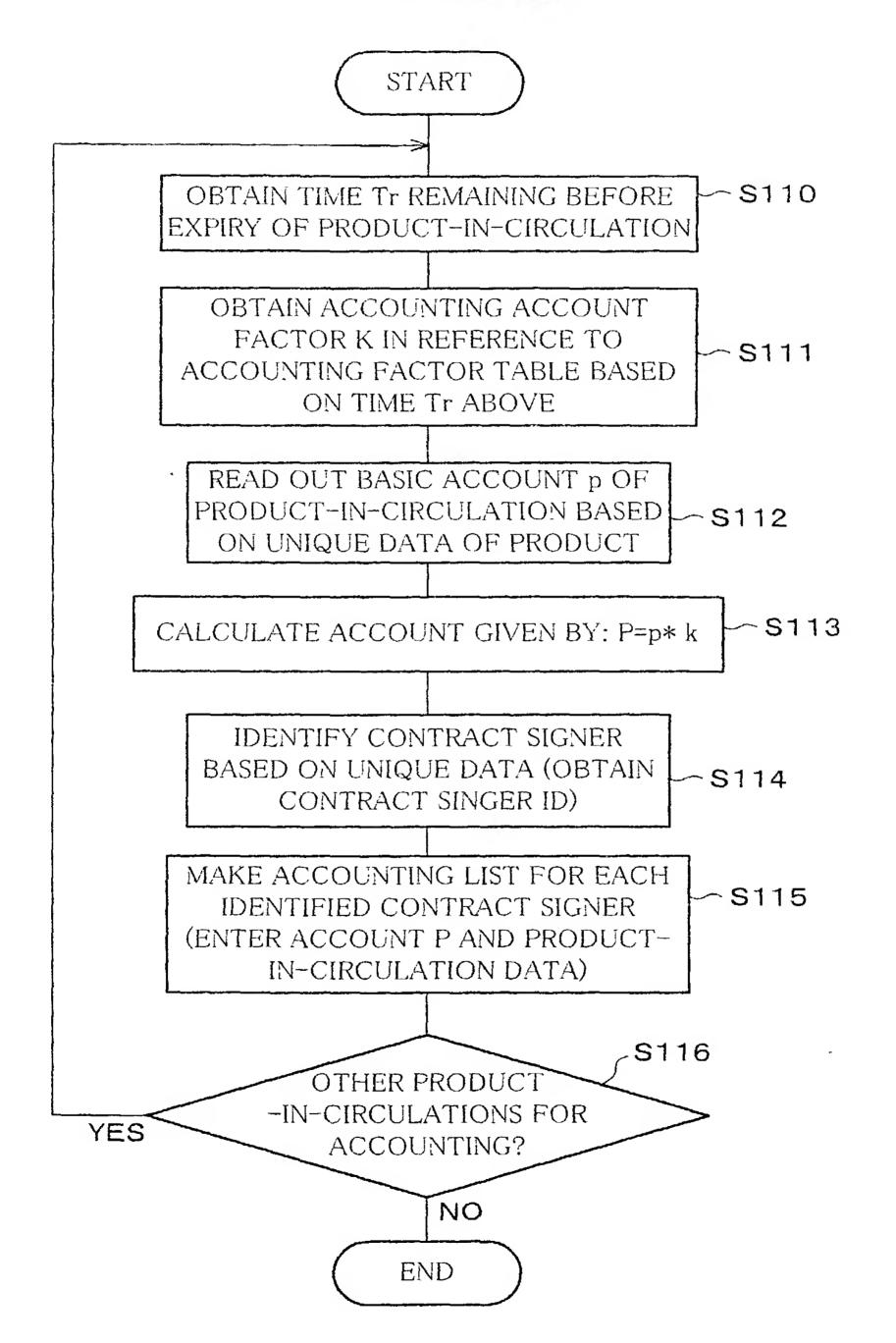


FIG.53

ACCOUNTING FACTOR TABLE [1]

	المتحالة فالمتحالة والمتحالة والمتحا
TIME REMAINING BEFORE EXPIRY	Tr ACCOUNTING FACTOR k
Tr0: MORE THAN 1 YEAR	k0=1
Tr1: 6 MONTHS TO 1 YEAR	k1
Tr2: 2 MONTHS TO 6 MONTHS	k2
Tr3: 1 MONTH TO 2 MONTHS	k3
Tr4: LESS THAN 1 MONTH	k4

NOTE THAT $k0 > k1 > k2 > \cdots$

FIG. 54

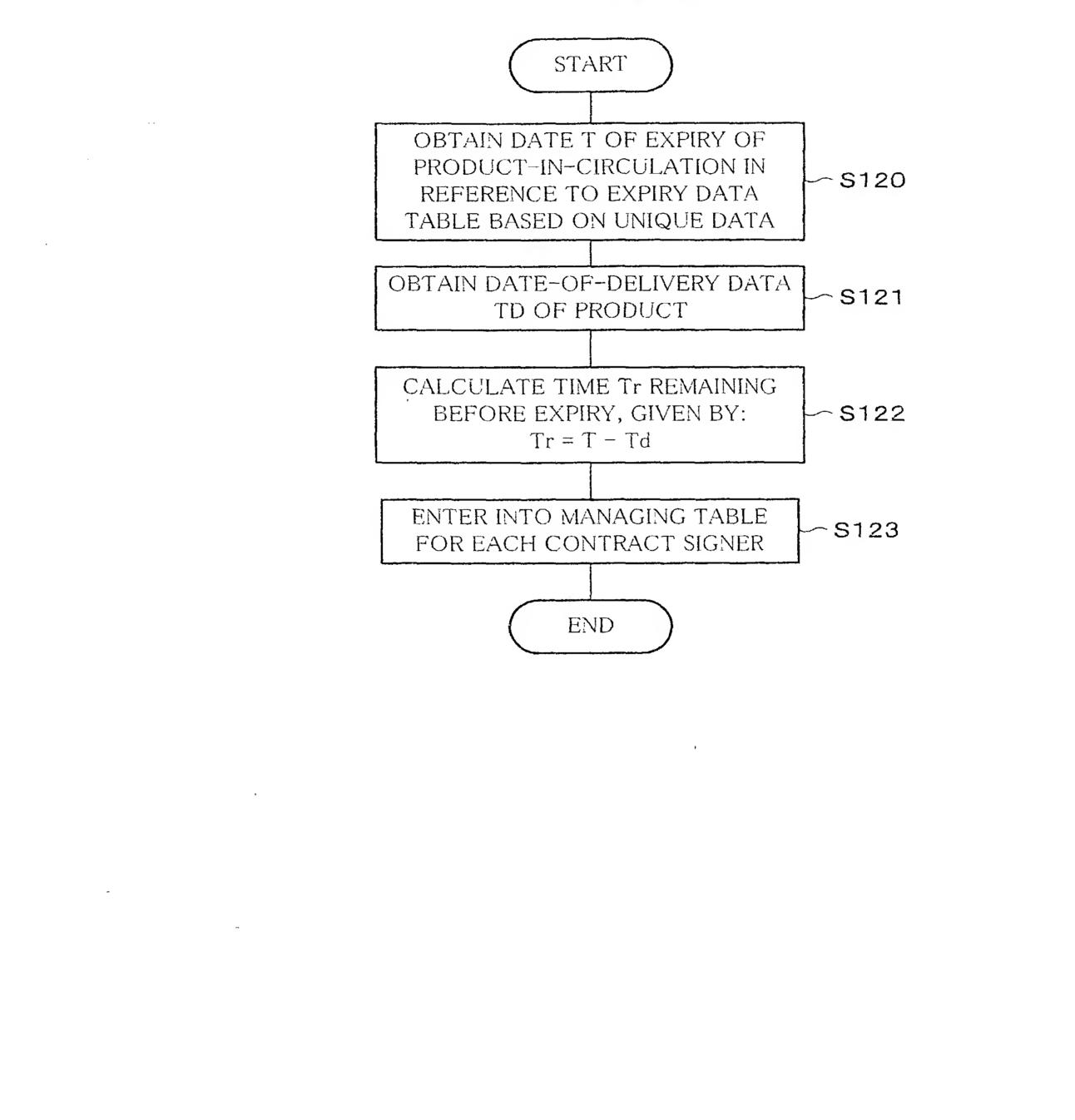


FIG. 55

CONTRACT SIGNER ID: 000125

							SPAF	SPARE ARTICLE DATA	3 DATA				JWIJ	
	30 31 40	DATE OF	DATE OF	- 1	TOP LEVEL	EVEL	SECOND LEVEL	LEVEL		THIR	THIRD LEVEL		BEFORE	PURCHASE
No.	DELIVERY TA	PURCHASE Tp	COLLECTIO N Tc	DATA (FULL DIGITS)	TOP LEVEL CODE	TOP LEVEL	SECOND LEVEL CODE	SECOND LEVEL	THIRD LEVEL CODE	TITLE	REMARKS 1	REMARKS 1 REMARKS 2	EXPIRY Tr	STATUS
7 -	N/A	l	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
- 27														
ಣ														
₽'														
rc														
9														
7														
8														
9	•													
10	-													
Π														

FIG. 56

CONTRACT SIGNER ID: 000125

	PURCHASE	STATUS	NFW (SPARE)	NEW (SPARE)	NEW (SPARE)	NEW (SPARF)	NEW (SPARE)					7	
	TIME	EXPIRY Tr	12/31/2000	7/1/2001	7/1/2001	6/7/2005	8/20,/2000						, ,
		REMARKS 2	FOR PC USE	11	11	11	DIGITAL FORMAT FOR VIDEO USE						
	THIRD LEVEL	REMARKS 1	DATA SEARCH, EXPLOITATION SOFTWARE	JAPANESE ENGLISH TRANSLATION ASSISTANT	USABILITY ENHANCEMENT SOFTWARE	GENERAL USE (FIVE IN ONE PACK)	GENERAL USE (FIVE IN ONE PACK)						
	THI	TITLE	DATA SEARCH"	"TRANSLATION ASSISTANT"	"INTERNET SUPPORT"	Rance	· · · · · · · · · · · · · · · · · · ·						
DAFA		THIRD LEVEL CODE	0000	0001	0010	N/A	N/A						
S ARTICLE	LFVEL	SECOND LEVEI.	APPLI- CATION SOFTWARE	APPL1- CAT1ON SOFTWARE	APPLI- CATION SOFTWARE	VHS	DΛ						
SPARE	SECOND	SECOND LEVEL CODE	10	01	10	00	01						
	LEVEL	TOP LEVEL	CD-ROM	CD-ROM	CD-ROM	EMPTY MEDIUM	EMPTY MED1UM						
	10P 1	TOP LEVEL CODE	00	00	00	11	1						
		FULL DATA (FULL DIGITS)	0010 0000 0000 0101 0000	0010 0000 0000 0100	0010 0000 0000 1100	1100 0000 0000 0000 0111	1101 0000 0000 0101 0001						
	DATE OF	COLLECTION Te	1	l		Ì	İ			•			
	DATE OF	PURCHASE Tp			1								
	DATE OF	DELIVERY Td	3/1/2000	3/1/2000	3/1/2000	3/1/2000	3/1/2000				•		
	Š		_	Ω .	က	4	വ	9	-	∞	On .	0.1	=

F16.57

		1RY 1r SIATUS	12/31/2000 PURCHASED	7/1/2001 (SPARE)	7/1,/2001 (SPARE)	6/7/2005 (SPARE)	8/20/2000 PURCHASED					
1D: 000125 FARE ARTICLE DATA	- BE	REMARKS 2 EYPIRY	FOR PC 12/3 USE	1/1	1//2	1/9	DIGITAL FORMAT FOR 8/2					
	D LEVEL.	REMARKS 1	DATA SEARCH, EXPLOITATION SOFTWARE	JAPANESE ENCLISH TRANSLATION ASSISTANT	INTERNET USABILITY ENHANCIMENT SOFTWARE	GENERAL USE (FIVE IN ONE PACK)	GENERAL USE (FIVE IN ONE PACK)					
	THIR	TITLE	bata Search"	"TRANSLATION ASSISTANT"	"INTERNET SUPPORT"	****						
SPARE ARTICLE DATA TIME TIME		THTRD LEVEL CODE	0000	1000	0010	N, A	N/N					
	LEVEL	SECOND	APPLI- CATION SOFIWARE	APP1 T- CATION SOFTWARF	APPL F- CAT FON SOFTWARE	VHS	DΛ					
SPARE ARTICLE DATA	SECOND	SECOND LEVEL CODE	<u> </u>	10	10	00	01					
	LEVEL	TOP LEVEL	CD-ROM	CD-ROM	CD-ROM	EMPTY MEDIUM	EMPTY					
	10P L	TOP LEVEL CODE	00	00	00	11	=					
		FULL DATA (FULL DIGITS)	0000 1010 0000 0000 0100	0010 0000 0000 0000 0100	0010 0010 0000 0000 1100	1100 0000 0000 0000 0111	1101 0000 0000 0101 0001					
SPARE ARTICLE DATA	DATE OF	COLLECTION Tc	1			!						
		PURCHASE (3/10/2000	l	1	I	3/18/2000					
	DATE OF	DELTVERY Td	3/1/2000	3/1/2000	3/1/2000	3/1/2000	3/1/2000					•
		2		22	33	ক	5	9	7	∞	9	01

FIG. 58

CONTRACT SIGNER ID: 000125

	TIME PURCHASE	22 ∰	C 12/31/200 PURCHASED 0	7/1/2001 COLLECTED	7/1/2001 COLLECTED	6/7/2005 COLLECTED	AL FOR 8/20/2000 PURCHASED USE	9/5/2008 (SPARF)	C 10/24/2002 NEW (SPARE)	4/1/2010 NEW (SPARE)		ţ ^2	
		1 REMARKS	CH, FOR PC	j ON T	TN.	USE ONE	USE DIGITAL ONE FORMAT	USE ONE	MAIL FOR PC E USE	JUE			
	THIRD LEVEL	REMARKS	DATA SEARCH, EXPLOITATION SOFTWARE	JAPANESE NENCLISH TRANSLATION ASSISTANT	INTERNET USABILITY ENHANCEMENT SOFTWARE	GENERAL U (FIVE IN C PACK)	_	GENERAL U (FIVE IN (PACK)	INTERNET EMAIL SOFTWARE	WITH SUBTITLE			
	11	TITLE	* "DATA SEARCH"	"TRANSLAT FON ASSISTANT"	"INTERNET SUPPORT"				"EMA1L"	"XXX"			
E DATA		THTRD LEVEL CODE	0000	0001	00100	N/A	N/A	N/A	0011	0000			
RE ARTICLE	ID LEVEL	SECOND LEVEL	APPLI- CATION SOFTWARE	APPL1- CATION SOFTWARE	APPLI- CATION SOFTWARE	VIIS	ΛCI	MD	APPLI- CATION SOF TWARE	MOVIE			
SPARE	SECOND	SECOND LEVEL CODE	10	. 10	10	00	01	10	10	00			
	LEVEL	TOP LEVEL	CD-ROM	CD-ROM	CD-ROM	EMPTY MEDTUM	EMPTY MEDIUM	EMPTY MED DUM	CD ROM	DVD			
	TOP	TOP LEVEL, CODE	il	00	00	=	11	=	00	01			
		FULL DATA (FULL DIGITS)	0010 0000 0000 0101 0000	0010 0001 0000 0000 0100	0010 0010 0000 0000 1100	11100 0000 0000 0000 0111	1101 0000 0000 0101 0001	1110 0000 0000 0000 0101	0010 0011 0000 0000 1101	0001 0000 0000 0000 0010			
	DATE OF	COLLECTION To		4/1/2000	4/1/2000	4/1/2000	l	1	and the second				
	DATE OF	PURCHASE Tp	3/10/2000	- 1		l	3/18/2000		1				
		DELIVERY Td	3/1/2000	3/1/2000	3/1/2000	3/1/2000	3/1/2000	6 4/1/2000	7 4/1/2000	8 4/1/2000		•	
1	S	-		. 21	×	ৰ্	r. LD	<u> </u>	-		<u>ئ</u>	10	ŀ